RK 60 .S87 1973

# SURVEY OF DENTISTS IOWA - 1973

IOWA STATE DEPARTMENT OF HEALTH
RECORDS AND STATISTICS DIVISION
Des Moines, Iowa

### SURVEY OF DENTISTS

IOWA - 1973

Analysis by Michael L. Dare

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#### I. INTRODUCTION

Dental survey questionnaires were mailed to 1,426 Iowa dentists in conjunction with the license renewal process in 1973; a total of 1,306, or 91.6 percent of the questionnaires were returned to the Iowa State

Department of Health. Among the 1,306 responding dentists, 110 indicated that they were retired during 1972 and answered only questions 1 and 22.

Another 88 dentists skipped to question number 22 after completing questions 1-7 since those 88 dentists were not General Practitioners, Oral Surgeons, Orthodontists, Pedodontists, or Periodontists. As a result, the analyses presented in the survey primarily concern the 1,108 dentists who responded to the entire questionnaire.

Because of poor responses to question 12, that question regarding the total number of individual patients served in 1972 was excluded from the analyses. Similarly, question 22 was not analyzed because many of the dentists indicated their present ages instead of their anticipated retirement ages.

Although useful for further study, questions 5 and 6 through 21 are peripheral to the purposes of this report.

For background information, Table 1 contains percents of responses to the various questions in the survey. In addition, a Table containing the classifications of dentists by type of practice and license number is available on request, but is not included in this report.

Enough art--more matter. Numerous aspects concerning dental practice in Iowa are presented in the various sections of the survey report.

Contained in the first sections are the locations of dentists within the state. Section V relates to the dental colleges where practicing Iowa dentists received their degrees. The next Section concerns the equipment used by dentists;

data pertaining to number of operatories are presented. In Section VII, the analyses apply to the personnel who assist dentists in Iowa. Within the final 3 sections of the survey report, the presentations relate to the work of dentists; factors such as the work week and work year, the number of patient sittings, and dentist busyness are all included.

FIGURE 1

Jowa

### State Department of Health

LUCAS STATE OFFICE BUILDING
DES MOINES, !OWA 50319

ARNOLD M. REEVE, M.D., M.P.H.
COMMISSIONER OF PUBLIC HEALTH

General Health Service

John E. Goodrich, D. D. S., M. P. H. Chief

March 10, 1973

Dear Doctor:

I know you will agree that we need more accurate information on the distribution of dental manpower in Iowa. The enclosed questionnaire should only take a few minutes of your time to complete. The information you provide, when compiled and studied, may answer many of the questions we all have about the availability of dental care in our state. We hate to burden you with this request, but this is the most efficient way we can think of to collect this data with any degree of accuracy. A similar questionnaire mailed to physicians with their license renewal last year elicited nearly 100% response.

We would sincerely appreciate your completing the questionnaire and returning it with your application for license renewal. Individual data will only be used for analysis and study to develop the composite report. The report will be distributed as early as possible after the work has been done.

Sincerely yours,

John E. Howhich

John E. Goodrich, D.D.S., M.P.H. Director, Dental Health Division

JEG: 1r

Enclosure

#### FIGURE 2

Jowa

### State Department of Health

LUCAS STATE OFFICE BUILDING

DES MOINES, IOWA 50319

General Health Service

JE.

John E. Goodrich, DDS, MPH Chief

May 15, 1973

ARNOLD M. REEVE, M.D., M.P.H. COMMISSIONER OF PUBLIC HEALTH

Dear Doctor:

We have not received your completed dentist's questionnaire which was sent to you along with your application for license renewal. Your participation in the questionnaire program is important. Information concerning the distribution and characteristics of practice of dentists in Iowa is greatly needed by planning agencies, professional organizations and legislative bodies.

We need your contributions to give us complete data about our state and its dentist manpower resources. Please take a few minutes to fill out the enclosed questionnaire and return it to us. Please do this NOW! It will only take a few minutes, but the input will be exceedingly valuable. An addressed envelope is enclosed for your convenience.

Sincerely yours,

folm ? Torduit

John E. Goodrich, D.D.S., M.P.H. Director, Dental Health Division

JEG:1r Enclosure FIGURE 3

#### THE 1973 SURVEY OF IOWA DENTISTS

Please complete the following questionnaire and return it with your license renewal

|  | MAKE AND CODE                       | DECELONS DELOW.  |
|--|-------------------------------------|--|
|  | MAKE ANY CORP                       | RECTIONS BELOW:  |
|  | Name                                |  |
|  | Address                             | CONTRACT OF THE STATE OF THE ST |
|  | License Number                      | or galays I (a) on a 10  |
|  |                                     |  |
| Are you now retired? Go to question                            | n 22 and enter the age at           | Yes No No which you retired.   |
| Date of birth:   |                                     |  |
|  | Towns to 1431 god size month        | day year   |
| Dental College:,   | state                               | dguona yand 136 al.  |
| year graduated  Home residence before entering dental college  | for salar and same days             | E to you thecked ab.   |
| nome residence before entering dentar correge                  | city                                | state  |
| If married, wife's former home town:                           | everyone to the contract            | The state of the s |
|  | city                                | state  |
| Office location:city   | state                               | northiss; hitee, hi  |
| a) years of practice in this city:                             | na tograndon. Ki                    | 10 MI 20 MI THIN 30 L.   |
| b) years of practice in Iowa:                                  |                                     | .da.sa.sf.seraaraas To   |
| 1 107 (1) (1)  |                                     | dan sarang ung sak   |
| Type of practice (check only one): a) General                  | al                                  | say 55 (A  |
| b) Oral S  | Surgery                             | 2  |
| c) Orthod  | lontia                              | 7  |
| d) Pedodo  | ( emman bra asiriffication<br>ontia |  |
|  |                                     | 5  |
|  | lontia                              | 6  |
| * f) Dental  | College Faculty                     | Di vou scenna chilli   |
| * g) Public  | Health Dentistry                    | 7 11 (v.   |
| * h) Instit  | cutional                            |  |
|  | (specify)                           | 9  |
| * i) Other   | (Specify)                           |  |
| * i) Other  * If you checked f, g, h, or i, do <u>not</u> answ |                                     | steams live the maje   |
|  | wer 8-21. Answer 22.                |  |

10) Average number of patient sittings per week:....

| 11) Average length of sitting: a) 1/4 hour   |
|--|
| b) 1/2 hour  |
| c) 3/4 hour  |
| d) 1 hour  |
| e) more than one hour.   |
|  |
| 12) Total number of individual patients served in 1972:  |
| 13) Of the following statements, check the one which best describes your practice during 197   |
| a) Too busy to treat all people requesting appointments:   |
| b) Provided dental care for all who requested appointments, but felt overworked (too rushed, or worked too many hours):  |
| c) Provided dental care for all who requested appointments, had enough patients, and <u>did not</u> feel overworked:   |
| d) Not busy enough - would have liked to had more patients: 1  |
| If you checked d), how many more patients could you have treated per week?   |
| 14) Number of operatories:   |
| 15) List <u>number</u> of auxiliaries for each category:  Part-time Full-t   |
| a) Hygienist:  |
| b) Dental Assistant:   |
| c) Dental Laboratory Technician:   |
| d) Secretary-Receptionist:   |
| 16) Are you on the staff of a hospital?  |
| a) If yes, hospital city   |
| 17) Are you a member of a group dental practice?   |
| a) If yes, number of dentists in the group:  |
| 18) Do you do tooth extractions in your practice? Yes No   |
| 19) Do you accept child patients (12 years and under) in your practice? Yes No   |
| a) If yes, what percent of your patients are 12 years and under? —   |
| 20) How did you find out about the need for a dentist in the town that you eventually selected to start your practice?   |
| The state of the s |
| 21) Please list the major factors that made you decide to settle in your present location:   |
| Juniped mit desw stor le tind aussen   |
| 22) At what age do you plan to retire? Age   |

Table 1: Summary of the Responses of Dentists to the Survey

|          | Question  | Number                          | racticing in the effets at  |
|----------|---|---------------------------------|-----------------------------|
| on custo | Number  | Answered                        | Percent                     |
|          |   |                                 | napuppens 29 perpent of the |
|          | 1   | 1,108                           | 100.0                       |
|          | to Pelk Cover acco  | 1,095                           | 98.8                        |
|          | 3   | 1,102                           | 99.4                        |
|          | d s dod 4. a linua a li   | 006                             | he total num 8.08 of denet  |
|          | e countles, tot a La  | 1,108                           | 100.0                       |
|          | <ol> <li>i.i. is a factor of the factor</li></ol> | 1,082                           | 97.6                        |
|          | B A to bear o   | 1,076                           | 97.1                        |
|          |   | 1,196                           | 0.0                         |
|          |   | 970                             | 81.1                        |
|          | n. Keyker <mark>A</mark> ld and o h   | ES Life Bay in Any tore lift    | 2.7                         |
|          | watch had li perci  | 855 Jacob in 1 33 Jacob w<br>72 | 6.0                         |
|          |   | 26                              | 0 1                         |
|          | Д   | 7                               | tate population.            |
|          | erbart of Etha dentin   |                                 | 4.5                         |
|          | ties served by colu   | and Letters are a cons          | Adams, C.E.P.Ce., Guillian  |
|          |   |                                 | 1.4                         |
|          | ouly 2 destists per   | evan serimo 17 i dedica         | 1.3                         |
|          | and the leaf  | 16                              |                             |
|          | ral popular 8 n number  | 1,045 en 1                      |                             |
|          | 9   | 1,055                           | 95.2                        |
|          | -no. 10 god and 10  | values values 998 como          | Populari 0.00 marto).       |
|          | 11  | 1,032                           | 93.1                        |
|          | 12  | OR JOE AL EUR 38                | 3.4                         |
|          | 13  | 1,045                           | 94.3                        |
|          | the real offer local  | 97                              | 79.5                        |
|          | 14  | 990                             | 89.3                        |
|          | 15  | 990                             | 89.3                        |
|          | 16  | 1,102                           | 99.4                        |
|          | A L L Cui   | 380                             | 97.9                        |
|          | 17  | 1,099                           | 99.1                        |
|          | tiet who plut ice   | 116                             | 92.0                        |
|          | 18  | 1,104                           | 99.6                        |
|          | 19 17 500   | 1,081                           | 97.5                        |
|          | A A A   | 781                             | 77.8                        |
|          | Like proce <sup>4</sup> on in Reg   | tors 1. 10. midfill die         |                             |

Total Forms Received (Excluding Retired and Other) 1,108

#### II. LOCATIONS OF DENTISTS BY TYPE OF PRACTICE

#### Table 2

With the exception of Johnson County, the 5 Iowa counties with the largest populations - Polk, Linn, Scott, Black Hawk, and Woodbury - also have the largest numbers of dentists. Actually, about one-third of the dentists practicing in the state are located in these 5 highly populated counties, which encompass 29 percent of the Iowa populace.

Johnson County does rank second in the state to Polk County according to the total numbers of dentists within the respective counties, but a large proportion of the Johnson County dentists are associated with the University of Iowa College of Dentistry at Iowa City. Including Johnson County, about 40 percent of Iowa dentists are located in 6 counties which have 32 percent of the state population.

Adams, Clarke, Guthrie, and Louisa are 4 counties served by only one dentist in each county. Another 11 counties have only 2 dentists per county.

For each dentist practicing in Iowa, the general population numbers 2,410 (Population-Dentist Ratio). Comparisons by county of the population-dentist ratios indicate the lowest ratio is 803 in Johnson County. However, excluding the dentists associated with The University of Iowa, the ratio for Johnson County is 2,463. Winnebago County has the 2nd lowest ratio in the state of 1,478 population for each dentist, while the highest ratio is 12,700 in Guthrie County.

Among the five highly populated counties mentioned previously, Polk County has the lowest population-dentist ratio, 1,892; Scott and Black Hawk Counties have the highest ratios, 2,549 and 2,491, respectively. In the 4 counties with only one dentist each, the populations range from 6,300 in Adams County to 12,700 for Guthrie County.

Dentists who specialize are located in even greater concentrations in the larger counties in the state. Nearly 3 out of 4 (73 percent) of the dentists who specialize in oral surgery, orthodontia, pedodontia or periodontia are located in counties where one of the larger Iowa cities is situated. In contrast, 73 of the 99 counties have no specialists at all.

#### Table 3

Since practicing Iowa dentists are more numerous in the highly populated counties, Region 11 has the largest number of dentists. Dentists are fewest in number in Region 14 which has the smallest populace of any of the 16 regions in the state.

One-half of the dentists in the state are located within 4 regions, numbers: 7, 9, 10, and 11. However, excluding the dentists at The University of Iowa, none of the 4 regions has the lowest population-dentist ratio in the state.

In Region 2, the lowest population-dentist ratio is evident; the residents number 2,111 for each dentist in the region. Region 10 would have the lowest ratio, 1,701, if the dentists at the University in Iowa City were included. The highest ratio is 3,700 in Region 14.

Dentists who practice one of the 4 specialties are also more numerous in regions with large numbers of inhabitants. Slightly more than one-half of the specialists practice in Regions 9, 10, and 11, the largest number is in Region 11.

Although Regions 9, 10, and 11 do contain the largest numbers of specialists, the lowest ratio of people to specialists is 13,540 in Region 8. No specialists practice in Region 14 where 62,900 people reside.

Table 2: Number of Dentists by State and By County by Type of Practice

| County      | All Types<br>Of Practice | General<br>Practitioner | All<br>Specialists | Oral<br>Surgeon | Ortho-<br>dontist | Pedo-<br>dontist | Perio-<br>dontist | Other |
|-------------|--------------------------|-------------------------|--------------------|-----------------|-------------------|------------------|-------------------|-------|
| STATE       | 1,196                    | 970                     | 138                | 33              | 72                | 26               | 7                 | 88    |
| COUNTY      |                          |                         |                    |                 |                   |                  |                   |       |
| Adair       | 4                        | 4                       |                    |                 |                   |                  |                   |       |
| Adams       | 1                        | 1 1 1                   |                    |                 | 88 DT 0           | 5 - H- T.        | 1 1 - p           | -     |
| Allamakee   | 8                        | 8                       |                    |                 | 4월 3~ 일           | B B - B          | 원 - 경             | -     |
| Appanoose   | 4                        | 4                       |                    |                 | es State          | 2 10 11          |                   | _     |
| Audubon     | 2                        | 2                       |                    |                 | 3 3 6             | 4 - 4 - 4        | 81 G M            | 73    |
| Benton      | 6                        | 6                       |                    |                 |                   |                  | 유 앱 <b>-</b> x i- | -     |
| Black Hawk  | 54                       | 44                      | 10                 | 2               | 일일 왕기대            | 5 5 T.           | F - 분 - 분         | -     |
| Boone       | 10                       | 10                      | 10                 | 2               | 5                 | 2                | F 10 1            | -     |
| Bremer      | 12                       | 12                      |                    |                 | 90 3              | _                | F - F 10          | _     |
| Buchanan    | 6                        | 5                       |                    |                 | 7 F 3             | 7-5              | - W - R           | -     |
| Buena Vista | 10                       | 10                      |                    |                 |                   | . 4              | A 14 17           | 1     |
| Butler      | 2                        | 2                       |                    |                 | 7 6               | E 1              | il. ii. − p       | -     |
| Calhoun     | 7                        | 7                       | 7.0                | to all va       |                   | 2-3              |                   | - 2   |
| Carroll     | 8                        | 7                       |                    |                 | 99 ST 9           | 5- 1             | 7 T + E           | -     |
| Cass        | 8                        | 7                       | $\frac{1}{1}$      | C # 35          | 2 1 2             | 4                |                   | 70    |
| Cedar       | 4                        | 4                       |                    |                 | 1 1 E             | 7- #-2           | H - 개 = 개         | -     |
| Cerro Gordo | 30                       | 20                      | 8                  |                 | 집인 원구 정           | 45.4             |                   | -     |
| Cherokee    | 7                        | 7                       | 0                  | 2               | 5                 | 1                |                   | 2     |
| Chickasaw   | 4                        | 4                       |                    |                 | 36 37 A C         | 0 TL 2           |                   | 100   |
| Clarke      | 11 11 11                 | 51 1                    |                    |                 |                   |                  | g - 5             | -     |
| Clay        | 10                       | 8                       | 2                  |                 |                   | - 1- F           | E - E - E         | -     |
| Clayton     | 6                        | 6                       |                    | 1 1 1 5 m       | 2                 | <del></del>      | F - 5             | _     |
| Clinton     | 25                       | 21                      | 3                  | CH-MA HE        | -                 | 3 2              | E - E - E         | _     |
| Crawford    | 6                        | 6                       |                    | 129 68          | 2                 | 1                | -                 | 1     |
| Dallas      | 10                       | 9                       |                    | S 5             | · .               | 2                | g &-              | - 4   |
| Davis       | 3                        | 3                       |                    |                 | S '               | <u> </u>         | _                 | 1     |
| Decatur     | 3                        | 3                       |                    |                 | _                 | _                | -                 | -     |

Number of Dentists by State and By County By Type of Practice (continued)

| Co | ounty             | All Types<br>Of Practice | General<br>Practitioner | All<br>Specialists | Oral<br>Surgeon | Ortho-<br>dontist | Pedo-<br>dontist | Perio-<br>dontist  | Other |
|----|-------------------|--------------------------|-------------------------|--------------------|-----------------|-------------------|------------------|--------------------|-------|
|    | Inten-            |                          |                         |                    |                 |                   |                  |                    |       |
|    | elaware           | 4                        | 4                       |                    |                 |                   |                  |                    |       |
|    | es Moines         | 17                       | 14                      | 3                  | 2               | 13                |                  | _                  |       |
|    | ickinson          | 7                        | 6                       | 1                  | _               | 1                 |                  |                    |       |
|    | ubuque            | 44                       | 35                      | 9                  | 3               | 3                 | 3                | F                  | -     |
|    | mmet              | 8                        | 8                       | 9                  | _               |                   | 3                |                    |       |
|    | ayette            | 9                        | 9                       | 71.                |                 | - 2               |                  |                    |       |
|    | loyd              | 8                        | 8                       | -20                | -               |                   | = 2              |                    |       |
|    | ranklin           | 5                        | 5                       |                    |                 |                   |                  | -                  |       |
|    | remont            |                          | 2                       | - 22               | _ 7             | - 5               |                  |                    | - 2   |
| G. | reene             | 4                        | 4                       | = 2                |                 | 7.5               | . <u>.</u> a     |                    |       |
|    | rundy             | 5                        | 5                       | 30                 |                 |                   |                  |                    |       |
|    | uthrie            | 1                        | 1 <sub>0</sub>          |                    | _               |                   |                  | _                  |       |
|    | amilton           | 8                        | 8                       |                    | _               | _                 | -                | _                  |       |
| H  | ancock            | 5                        | 5                       |                    | -               |                   |                  | -                  | - T   |
|    | ardin             | 9                        | 9                       | - 1                | _               |                   |                  |                    | _     |
|    | arrison           | 2                        | 2                       |                    | _               |                   |                  |                    | _     |
|    | enry              | 8                        | 7                       |                    | _               |                   |                  |                    | - I   |
|    | oward             | 5                        | 5                       | <del>-</del> -     | -               |                   | -                | -,-                | 1     |
|    | umboldt           | 6                        | 6                       |                    | ·               | _                 |                  |                    |       |
|    | The second second | 3                        | 3                       |                    |                 |                   | - <u>-</u>       |                    |       |
|    | da<br>owa         | 6                        |                         |                    |                 |                   | -                |                    | _     |
|    | ackson            | 6                        | 6<br>5                  |                    | - TI-120        | -                 |                  | _                  | - ,-  |
|    | asper             | 11                       | 11                      | 1-                 |                 | 1                 |                  |                    | _     |
|    | efferson          | 5                        |                         |                    |                 | - 3               | -                |                    | - r   |
|    | ohnson            | 92                       | 4 0                     | 1 -                | _               | 1 -               | _                | _                  | -     |
|    | ones              | 5                        | 23 <sub>11</sub><br>5   | 7 -                | _               | 5                 | 1                | 1                  | 62    |
|    | eokuk             | 3                        | 3                       |                    |                 |                   |                  | _                  |       |
|    | ossuth            | 0                        | 9                       |                    | _               | _                 | omittet.         | dozetan            | 65091 |
|    | ee                | 0 + 10 set res           | Pracett Weder           | Specialists        | Surgeon         | demodar           |                  | Perio-<br>dorritar | _     |
|    | ee<br>inn         | 18<br>78                 | 16                      | 2                  | 1,497           | Orleho-           | Fedo-            |                    |       |
|    | ouisa             |                          | 57                      | 17                 | 5               | 8                 | 3                | 1                  | 4     |
|    | ouisa<br>ucas     | 1<br>2 Munici            | of Den Jack by St       | SEE THE BA COM     | ph ph This o    | E Practice        | (c-nt-brued)     | -                  | -     |
|    |                   | 2                        | _                       | _                  | -               | _                 | -                | -                  | -     |
|    | yon               | 5                        | 5                       | -                  | -               | _                 | -                | -                  | -     |
| Ma | adison            | 3                        | 3                       | _                  | -               | <b>—</b>          | -                | -                  | -     |

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Number of Dentists by State and By County by Type of Practice (continued)

| County             | All Types<br>Of Practice | General<br>Practitioner | All<br>Specialists        | Oral<br>Surgeon | Ortho-<br>dontist | Pedo-<br>dontist                        | Perio-<br>dontist | Other  |
|--------------------|--------------------------|-------------------------|---------------------------|-----------------|-------------------|---|-------------------|--------|
| Mahaska            | VA PESCELSE              | rancir Louer            | · Fectolists              | Control         | n' domitar        | - Jourin                                | t James           | 1 62   |
| Marion             | 11                       | 10                      |                           |                 |                   |   |                   |        |
| Marshall           | 18                       | 15                      | 3 .                       | 1               | 2                 | _                                       | <del>-</del>      | T      |
| Mills              | 3                        | 2                       | 3                         |                 |                   | - 2 26                                  |                   | - 1    |
| itchell            | 5                        | 5                       |                           |                 |                   |   |                   | 1      |
| Ionona             | 2                        | 2                       |                           |                 |                   | AlterDay                                |                   |        |
| lonroe             | 3                        | 3                       |                           |                 |                   |   | 1 0 43            |        |
| Montgomery         | 6                        | 6                       |                           |                 |                   |   | 1,3 wD - 1        |        |
| Muscatine          | 15                       | 13                      | -1                        |                 | 1                 |   |                   | 15     |
| O'Brien            | 7                        | 7                       |                           |                 |                   | -                                       |                   |        |
| Osceola            | 2                        | 2                       | _                         |                 |                   |   |                   | len _  |
| Page               | 11                       | 9                       | 1 1                       |                 | -1                |   | ~ _               | - 1    |
| Palo Alto          | 4                        | 4                       |                           |                 |                   |   |                   |        |
| Plymouth           | 10                       | 10                      |                           | -               |                   | x'                                      |                   |        |
| Pocahontas         | 5                        | 5 10                    |                           | ~_              | ~                 | ~_                                      |                   |        |
| Polk               | 156                      | 120                     | 29                        | 6               | 12                | 9                                       | 2                 | 7      |
| Pottawattamie      |                          | 25                      | 4                         | - 2             | 2                 |   | _                 | - 2    |
| Poweshiek          | 7 10                     | 7                       |                           |                 |                   |   |                   |        |
| Ringgold           | 2                        | 2                       |                           |                 |                   | _                                       |                   | -      |
| Sac                | 5                        | 5                       |                           |                 | -                 | 200                                     |                   | 100    |
| Scott              | 57                       | 44                      | 11                        | 3               | 4                 | 3                                       | 1                 | 2      |
| She1by             | 4                        | 4                       | 3- 1925                   | 32              | 34                | 3_                                      | 2 20 3            |        |
| Sioux              | 13                       | 13                      | ju                        |                 | I                 | 42 (2)                                  | 100               | _      |
| Story              | 19                       | 16                      | 3                         | 5- 5-           | 3                 | F4.33                                   | Z                 |        |
| [ama               | 4                        | 3                       | -1                        |                 | 1                 | 72 35                                   |                   |        |
| aylor              | 2                        | 2                       |                           |                 |                   |   |                   | _      |
| Inion              | 4                        | 4                       | المرافعة <u>-</u> ما رساس | <u> </u>        |                   |   |                   |        |
| an Buren           | 2                        | 2                       | and the same and the same | Land It-        | governoù          | 700-705                                 | CONTENT -         | nesses |
| Tapello            | 12                       | 8                       | 4                         | 2               | 2                 | 1 2 2 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Pegito-           | W-1-2  |
| larren             | 5                        | 5                       | <u>YZ</u>                 | Die 1           |                   | 100                                     |                   |        |
| <i>l</i> ashington | 7                        | 7 6                     | ce one of reliable        | t all pile or   | Lieszijce (co     |   |                   |        |

Number of Dentists by State and By County by Type of Practice (continued)

| County           | All Types<br>Of Practice | General<br>Practitioner | All<br>Specialists | Oral<br>Surgeon | Ortho-<br>dontist | Pedo-<br>dontist | Perio-<br>dontist | Other |
|------------------|--------------------------|-------------------------|--------------------|-----------------|-------------------|------------------|-------------------|-------|
| CTNA             | 10 c he E                | The Park                | 3                  |                 | 2                 | -                |                   |       |
| Wayne            | 2                        | 2                       |                    |                 |                   | -                |                   | -     |
| wayne<br>Webster | 22                       |                         | 4                  | _1              | 3                 | =                |                   |       |
| Winnebago        | 9                        | 18<br>9                 | 3.7                |                 | _                 |                  | _                 | _     |
| Winneshiek       | 9                        | 8                       | 1                  | _               | _1                |                  | - D <del>-</del>  |       |
| Woodbury         |                          | - 8<br>38               | 10                 | 3               | 3                 | 3                | - 1               | 1     |
| Worth            | 49                       | 3                       | -                  | -               |                   |                  |                   |       |
| Wright           | 7                        | 7                       | _                  |                 | <u>_</u>          |                  |                   | _     |
|                  |                          |                         |                    |                 |                   |                  |                   |       |
|                  |                          |                         |                    |                 |                   |                  |                   |       |
|                  |                          |                         |                    |                 |                   |                  |                   |       |
|                  |                          |                         |                    |                 |                   |                  |                   |       |
|                  |                          |                         |                    |                 |                   |                  |                   |       |
|                  |                          |                         |                    |                 |                   |                  |                   |       |
|                  |                          |                         |                    |                 |                   |                  |                   |       |
|                  |                          |                         |                    |                 |                   |                  |                   |       |
|                  |                          |                         |                    |                 |                   |                  |                   |       |
|                  |                          |                         |                    |                 |                   |                  |                   |       |
|                  |                          |                         |                    |                 |                   |                  |                   |       |
|                  |                          |                         |                    |                 |                   |                  |                   |       |
|                  |                          |                         |                    |                 |                   |                  |                   |       |
|                  |                          |                         |                    |                 |                   |                  |                   |       |
|                  |                          |                         |                    |                 |                   |                  |                   |       |
|                  |                          |                         |                    |                 |                   |                  |                   |       |
|                  |                          |                         |                    |                 |                   |                  |                   |       |

Table 3: Number of Dentists by State, Region and County, By Type of Practice

| Cauciy      | All Types<br>Of Practice | General<br>Practitioner | All<br>Specialists | Oral<br>Surgeon | Ortho-<br>dontist | Pedo-<br>dontist | Perio-<br>dontist   | Other |
|-------------|--------------------------|-------------------------|--------------------|-----------------|-------------------|------------------|---------------------|-------|
| Interes     | . 8                      | Ė                       |                    |                 |                   |                  |                     |       |
| STATE       | 1,196                    | 970                     | 138                | 33              | 72                | 26               | 7                   | 88    |
| Region 1    | 37                       | 36                      | 1                  |                 | 1                 |                  |                     | - 1   |
| Allamakee   | 8                        | 8                       |                    |                 |                   | _                |                     | _     |
| Clayton     | 6                        | 6                       |                    |                 |                   | _                |                     |       |
| Fayette     | 9                        | 9                       |                    |                 |                   | _                | _                   |       |
| Howard      | 5                        | 5                       |                    |                 | _                 | _                | 14 r - 2 1 14       | _     |
| Winneshiek  | 9                        | 8                       | 1                  | <u>-</u>        | 1                 |                  |                     | -     |
| Region 2    | 74                       | 64                      | 8                  | 2               | 5                 | 1                |                     | 2     |
| Cerro Gordo | 30                       | 20                      | 8                  | 2               | 5                 | 1                |                     | 2     |
| Floyd       | 8                        | 8                       | _                  |                 | _                 | _                | _                   | _     |
| Franklin    | 5                        | 5                       | P -                | -               | 40                |                  | _                   | _     |
| Hancock     | 5                        | 5                       |                    |                 |                   | _"               |                     | _     |
| Kossuth     | 9                        | 9                       | _                  | -0              |                   |                  |                     | _     |
| Mitchell    | 5                        | 5                       |                    |                 |                   |                  | _                   | _     |
| Winnebago   | 9                        | 9                       | 70                 |                 | 5                 | 7-3              | - 1                 | _     |
| Worth       | 3                        | 3                       |                    |                 | -a                |                  | - 1                 | - 1   |
| Region 3    | 66                       | 63                      | 3                  | 7               | 3                 |                  | 1.5 <del>1</del> .5 | _     |
| Buena Vista | 10                       | 10                      | 2.1                | 1112            | _#                |                  |                     | _     |
| Clay        | 10                       | 8                       | 2                  |                 | 2                 |                  |                     |       |
| Dickinson   | 7                        | 6                       | ī                  |                 | 1                 |                  | -                   | _     |
| Emmet       | 8                        |                         | phodistress        | PINT RECTI      | ne marker         | tionerae.        | gowillac            | -orgi |
| Lyon        | 01 K 5 er 100 -          | 8 5                     | Controlled Later   | - Tenj          | ( Section )       | 1000             | 1.0-1.10-           | -     |
| O'Brien     | 7 7                      | 7                       | <u></u>            |                 |                   | B-13             |                     | _     |
| Sceola      | 2                        | 2                       |                    |                 | _                 |                  | _                   |       |
| Palo Alto   | 4 101111061              | of part 4 sept 1        | tate and My Cou    | DEA DA DADE     | of Practice       | (continued)      | _                   | _     |
| Sioux       | 13                       | 13                      | 4 - 1              |                 | _                 | _                | _                   | _     |

Number of Dentists by State, Region and County, By Type of Practice (continued)

|     | Region 12  | All Types<br>Of Practice | General<br>Practitioner | All<br>Specialists | Oral<br>Surgeon | Ortho-<br>dontist | Pedo-<br>dontist | Perio-<br>dontist | Other    |
|-----|------------|--------------------------|-------------------------|--------------------|-----------------|-------------------|------------------|-------------------|----------|
|     | Region 4   | 71                       | 60                      | 10                 | -3 Urgeon       | 33 dont lat       | 3                | t lenta           | 1 none   |
|     | Cherokee   | 7                        | 7                       | ar P               |                 | 1.0               |                  |                   | -i       |
|     | Ida        | 3                        | 3                       |                    | 4-              |                   |                  | 200               | _        |
|     | Monona     | 2                        | 2                       |                    |                 | _                 |                  | _                 | _        |
|     | Plymouth   | 10                       | 10                      | -                  |                 | =                 | _                |                   | T        |
|     | Woodbury   | 49                       | 38                      | 10                 | -3              | 3                 | 3                | 1                 | 1        |
|     | Region 5   | 55                       | 51                      | 3.4                | -01 _           | T23               | 3-               | 2-                | 3        |
|     | Calhoun    | 7                        | 7                       | _                  |                 |                   | -                | <u>.</u>          | · .      |
|     | Hamilton   | 8                        | 8                       | 13- 0              | 9-              | 0-                | 3-               | . 1-              | F-       |
|     | Humboldt   | 6                        | 6                       | gr <del>-</del>    |                 |                   | _                | _                 | _        |
| 1.  | Pocahontas | 5                        | 5                       | \-                 | _               | 2-                | I-               | 1-                | 62       |
| 15- | Webster    | 22                       | 18                      | _4                 | -1              | 3                 |                  |                   | <u> </u> |
|     | Wright     | 7                        | 7                       | -                  |                 | - <del>-</del> -  | -                | _                 |          |
|     | Region 6   | 38                       | 34                      | 4                  | 1               | 3                 |                  | _                 | - 2      |
|     | Hardin     | 9                        | 108 1                   |                    |                 |                   |                  |                   |          |
|     | Marshall   | 10                       | 9                       | _                  | -               | _                 | _                |                   | _        |
|     | Poweshiek  | 18                       | 15                      | 3                  | 1               | 2                 | ₫ <del>-</del>   | -                 | 3-       |
|     | Tama       | 7<br>4                   | 7                       | 7-                 |                 | 1-                | 7                | _                 | 1-       |
|     | Tama       | 324                      | 3                       | 1                  |                 | 31                | , <del>-</del>   | _                 |          |
|     | Region 7   | 83                       | 72                      | 10                 | 2               | _ 5               | 2                | 1                 | 1        |
|     | Black Hawk | 54                       | 44                      | 10                 | 2               | 5                 | 2                | 1                 |          |
|     | Bremer     | 12                       | 12                      | 3 <del>-</del>     | 3-              | 3-                | 3_               | -                 | _        |
|     | Buchanan   | 6                        | 5                       |                    | -               | _                 | _                | _                 | _        |
|     | Butler     | 2                        | 2                       |                    |                 |                   | -                | _                 | _        |
|     | Chickasaw  | OF KERGATCE              | Esace 4 Fores           | Specie-tiers       | Surgeon         | dountist          | dontilet         | dontlat           | Other    |
|     | Grundy     | All Types ?              | c=5iv1                  | V77-               | 5 <del></del> 1 | Organia-          | Fean-            | Perio-            | _        |
|     | Region 8   | 54<br>1000 D             | eur18c 44 acess         | keli 10            | A gla Tabe of   | 14crica (         | cour(3, uneq.)   | · ~               | -        |
|     | Delaware   | 4                        | 4                       |                    |                 |                   | _                | _                 |          |

Number of Dentists by State, Region and County, By Type of Practice (continued)

|                          | All Types<br>Of Practice | General<br>Practitioner | A11<br>Specialists | Oral<br>Surgeon | Ortho-<br>dontist         | Pedo-<br>dontist | Perio-<br>dontist    | Other |
|--------------------------|--------------------------|-------------------------|--------------------|-----------------|---------------------------|------------------|----------------------|-------|
| - 10-00 TH C 10-00 TH CT | or reading               | Frech GLURER            | Special Lines      | Self confi      | CONTRACT                  | MONTH LT         | dearts               | ÜERFE |
| Dubuque                  | 44                       | 35                      | 9                  | 3               | 3                         | 3                |                      |       |
| Jackson                  | 6                        | 5                       | 10                 |                 | 1                         | 2                | - <del>-</del> [     |       |
| Region 9                 | 97                       | 78                      | 15                 | 3               | 7                         | 4                | <b>1</b>             | 4     |
| Clinton                  | 25                       | 21                      | 3                  | _               | 2                         | 1                | 33 <u>.</u> .        | 1     |
| Muscatine                | 15                       | 13                      | 1                  |                 | 1                         | _                |                      | 1     |
| Scott                    | 57                       | 44                      | 11                 | 3               | 4                         | 3                | 1                    | 2     |
| Region 10                | 198                      | 108                     | 24                 | 5               | 13                        | 4                | 2                    | 66    |
| Benton                   | 6                        | 6                       | <u> </u>           | <u>.</u>        | - 13                      | _                | _                    | _     |
| Cedar                    | 4                        | 4                       | <u>L</u>           |                 | <u>1</u>                  | <u>1</u>         |                      |       |
| Iowa                     | 6                        | 6                       | _                  |                 | _''1                      | _                |                      | _     |
| Johnson                  | 92                       | 23                      | 7                  | <u>-</u>        | 5                         | 1-               | 1                    | 62    |
| Jones                    | 5                        | 5                       |                    | <u></u>         | _                         | 2                |                      | -     |
| Linn                     | 78                       | 57                      | 17                 | 5               | 8                         | 3                | 1-                   | 4     |
| Washington               | 7                        | 7                       |                    | 20              | <u>-</u> -                |                  |                      |       |
| Region 11                | 225                      | 184                     | 32                 | 6               | 15                        | 9                | 2                    | 9     |
| Boone                    | 10                       | 10                      | 70                 | -9              | 23                        | -<br>            | <u>-</u> j           | 1     |
| Dallas                   | 10                       | 9                       |                    |                 |                           | _==              |                      | 1-    |
| Jasper                   | 11                       | 11                      | 1                  | <u>-</u>        | <u>5</u>                  | _                |                      |       |
| Madison                  | 3                        | 3                       |                    |                 |                           |                  |                      | _     |
| Marion                   | 11                       | 10                      |                    |                 | <u>-</u> -                |                  | 5-1-1 <u>10</u> 39-1 | - 1   |
| Po1k                     | 156                      | 120                     | 29                 | 6               | 12                        | 9                | 2                    | 7     |
| Story                    | 19                       | 16                      | 3                  | 10 10 40        | 3                         |                  |                      |       |
| Warren                   | 5                        | 5                       |                    | -               | -                         |                  |                      |       |
|                          |                          |                         |                    |                 |                           |                  |                      |       |
| Region 12                | 26                       | 25                      | 1                  | (Eal            | 1 rpo                     | 1000-            | Perio-               |       |
| Audubon                  | 2                        | Dential by Stat         | e reliefe voi de   | might with 1919 | e op <del>s</del> ustel o | e (continued     | 0 _                  | _     |
| Carrol1                  | 8                        | 7                       | 1                  |                 | 1                         | E .              | ~ <u>~</u>           |       |
| Crawford                 | 6                        | 6                       | _                  | _               | _                         | _                | _                    | _     |

### Number of Dentists by State, Region and County, By Type of Practice (continued)

|                    | All Types<br>Of Practice | General<br>Practitioner | All<br>Specialists                       | Oral<br>Surgeon | Ortho-<br>dontist       | Pedo-<br>dontist         | Perio-<br>dontist | Other  |
|--------------------|--------------------------|-------------------------|--|-----------------|-------------------------|--------------------------|-------------------|--------|
| Crawford           |                          |                         |  | 4 1 1           |                         |                          |                   |        |
| Greene             | 6                        | 6                       | A 8 5                                    | D               | <b>7</b>                | <del>-</del> -           | _                 | _      |
| Greene             | 4                        | 4                       | 1  | _ E             | 형 정                     | F 7                      |                   | -      |
| Sac                | 1                        | F & #19 3               | (c) ==================================== | F F             | 5 5                     | 夏 市 一                    | -                 | _      |
| Sac                | 5                        | 5                       | g 7 -3                                   | 8 7 8           | · ·                     | 5 E                      |                   | -      |
| Region 13          | 67                       | 57                      | 6  | 2               | 4                       |                          | 7                 | 4      |
| Cass               | 8                        | 7                       | 1  |                 | 1                       | _ 3                      | _ 8               | _      |
| Fremont            | 2                        | 2                       | 3 25                                     | 월 실 등           | <u> </u>                |                          | _ 8               | _      |
| Harrison           | 2                        | 2                       |  | <u> </u>        | - 6                     | <u> </u>                 | _ 3               |        |
| Mills              | 3                        | 2                       | à <u>-</u> à                             | g- A_ X         |                         | _                        | 7 31              | 1      |
| Montgomery         | 6                        | 6                       | NO 200 _                                 |                 | I _ '>                  | _                        | - iii _ 3'        |        |
| Page               | 11                       | 9                       | 1  | 3 4             | 1                       | - E                      | × . × _           | 1      |
| Pottawattamie      | 31                       | 25                      | 4  | 2               | 2                       | - <u>-</u>               |                   | 2      |
| She1by             | 4                        | 4                       | _176                                     | _               | _                       | 3                        |                   | _      |
| gish 16" -         |                          | E 可致 E S                |  |                 |                         |                          |                   |        |
| Region 14          | 17                       | 17                      | -3                                       |                 | = = "                   | 3 5 3                    | _                 | _      |
| Adair              | 4                        | 3 2 4                   |  |                 |                         |                          |                   |        |
| Adams              | 1                        |                         |  |                 |                         |                          |                   | _      |
| Clarke             | 1.                       | 1 4                     |  | -               |                         | 5 8                      | _                 | _      |
| Decatur            | 3                        | 1 3                     | g  |                 | -                       |                          | -                 | -      |
| Ringgold           | 2                        | 2                       |  |                 | =                       | - <del>-</del> -         | -                 | -      |
| Taylor             | 2                        | 2                       | <u> </u>                                 |                 | <u>-</u>                |                          | _                 |        |
| Union              | 11800104                 | 11001104                | pēciajia <u>r</u> a S                    | repende d       | serra <del>l</del> i Se | odrija i igo             | misar- or         | asar = |
| Region 15          | 44                       | 39                      | 5  | 2               | 1 (pn-1 3               | ogo- A,s                 | Lite              | _      |
| Pr pr              |                          |                         |  | 6 6             |                         |                          |                   |        |
| Appanoose<br>Davis | themer 4 per             | oriars by 4 see, we     | STOR MEDI-GROUPS                         | by Tipe of      | Principles (or          | (pagun <del>a</del> q) g | -                 | _      |
|                    | 3                        | 3                       | 72                                       | _               | -                       | ē = 6                    | -                 | _      |
| Jefferson          | 5                        | 4                       | 1  | - ,             | 1                       | - <del>-</del>           | -                 | -      |
| Keokuk             | 3                        | 3                       | -  | -               | _                       | -                        | -                 | -      |
| Lucas              | 2                        | 2                       | _  | -               | -                       | _                        | -                 | -      |

| A Parison     | All Types<br>Of Practice | General<br>Practitioner | A11<br>Specialists | Oral<br>Surgeon | Ortho-<br>dontist | Pedo-<br>dontist | Perio-<br>dontist | Other    |
|---------------|--------------------------|-------------------------|--------------------|-----------------|-------------------|------------------|-------------------|----------|
| b.i.ongar.Lil | g ka                     | 377                     |                    |                 |                   | 1                |                   |          |
| Mahaska       | 8                        | 8                       |                    |                 | ri.               | (<br>selt        | d.                | el<br>el |
| Monroe        | 8                        | e                       | 1                  |                 |                   | 1                | ı                 | I        |
| Van Buren     | 2                        | 2                       | •                  | 1               | 1                 |                  | 1                 | -1       |
| Wape11o       | 12                       | 80                      | - 7                | 2               | 2                 |                  | 1                 | , d      |
| Wayne         | 2                        | 2                       | 1                  | 141<br>141      | 1                 |                  |                   | H        |
| Region 16     | 77                       | 38                      | 5                  | 3               | 2                 |                  | el e              | 1        |
| Des Moines    | 17 33                    | 14                      | 3                  | 2               | H                 | 1                | 1                 | 1        |
| Henry         | 8                        | 2                       |                    | ı               | 1                 | 1                | 1                 | П        |
| Lee           | 18                       | 16                      | 2                  | Н               | 1                 | I                | 1.                | ı        |
| Louisa        | H                        | - I                     |                    | ,1              | rI                | 1                | .1                | 1        |
|               |                          |                         |                    |                 |                   |                  |                   |          |
|               |                          |                         |                    |                 |                   |                  |                   |          |

#### III. LOCATIONS OF DENTISTS BY AGE

#### Table 4

Nearly half of all the dentists in Iowa (47 percent) are 50 years of age or older. Dentists aged 60 and older represent nearly one-fourth of the total number of dentists in the state while 1 out of 10 Iowa dentists is 70 or older.

Among the specialists in oral surgery, orthodontia, pedodontia, or periodontia, the proportion of dentists aged 50 or older is considerably smaller, 36 percent.

However, more than half of the oral surgeons in the state are 50 and older.

Just over a third of the Orthodontists, 36 percent, are in the 50 and older age group while less than one-fourth of the Pedodontists are classified as 50 plus.

Periodontists, apparently, are the youngest of the specialists; 71 percent are 39 or younger with 57 percent aged 30-39. All percentage comparisons within this type of practice should be viewed cautiously, however, because of the small number of periodontists in the state.

Comparisons of dentists in the different counties by age groups should also be made cautiously because of the small numbers of dentists located in many counties, although, limited comparisons can be made.

In contrast to the 17 counties where one-half or more of the dentists are in the 60 and older age group, are 16 counties where 50 percent or more of the dentists are aged 39 or younger.

In 6 Iowa counties one-half of the dentists in the county are 70 or older; the only dentist in Clarke County is in that age group. Other counties have relatively high proportions of dentists in the 70 plus age group: Kossuth has 44 percent, Howard 40 percent, and Mahaska 37.5 percent. One-third of all the

dentists in 4 other counties are aged 70 or older while in another 4 counties

25 percent of the dentists in the county are 70 or over.

#### Table 5

Comparisons of regions according to the ages of the dentists within each region indicate Region 14 has the highest proportions of both younger and older dentists.

Rearly half of all the dentists in lows (4) percent) are 50 years or age

Region 14 has the largest proportion of dentists aged 29 and younger; 12 percent of the dentists located within the region are in this youngest age group. In both Regions 8 and 13, none of the practicing dentists are 29 or under.

Considering the older age groups within each region, Region 14 has the highest proportion of dentists aged 60 and over, 41 percent, while the lowest proportion is 14 percent in Region 10. Slightly over a third of the dentists located in Region 14 are 70 or older, but only 4 percent of the dentists practicing in Region 12 are aged 70 and above.

Table 4: Number of Dentists by State, and County and Type of Practice, By Age of Dentists

| County and   | A11         |                  |       |                  |                |                 |                        | Not          |
|--|-------------|------------------|-------|------------------|----------------|-----------------|------------------------|--------------|
| Type of Practice   | Ages        | -29              | 30-39 | 40-49            | 50-59          | 60-69           | 70+                    | State        |
| AUGUST AND   |             |                  |       |                  |                |                 |                        |              |
| STATE  |             |                  |       |                  |                |                 |                        |              |
| All Types of Practice  | 1,108       | 43               | 254   | 284              | 259            | 139             | 120                    | 9            |
| General Practitioner   | 970         | 41               | 216   | 237              | 225            | 127             | 116                    | 8            |
| Specialists  | 138         | 2                | 38    | 47               | 34             | 12              | /1                     | 5 1          |
| Oral Surgeon   | 33          | _                | 9     | 7                | 13             | 2               | 2                      | amin         |
| Orthodontist   | 72          |                  | 20    | 25               | 16             | 9               | 1                      | 1            |
| Pedodontist  | 26          | 1                | 5     | 14               | 5              | 1               |                        | 1 - <u>-</u> |
| Periodontist   | 7           | 1                | 4     | 1                | _              | <u></u>         | 1                      | 91           |
|  | - '         | _                | 7     | _                |                |                 | mind of I              |              |
| Adair  |             |                  |       |                  |                |                 |                        |              |
| All Types of Practice  | 4           | _                | ,     | 3 _              | 1              | 1               | 2                      | MOJES        |
| General Practitioner   | 2 4         | _                | 신글    | - F              | 1              |                 |                        | LIA T        |
| Specialists  | 3           | 1                | 1_    |                  | () - <u>-</u>  |                 | 2                      | 7.055, 1     |
| Oral Surgeon   |             |                  |       |                  |                |                 | eacklai                | D.84 5       |
| Orthodontist   |             | _                |       |                  | 190            | e mag           | i rož = e              | 10           |
| Pedodontist  |             | _                | _     | - , <del>-</del> |                | . Task          | nobully                | TLI -        |
| Periodontist   | _           |                  |       | <del>-</del>     | , <del></del>  |                 | dode au                |              |
| reriodontist   | _           | _                | _     |                  | 9              | Tre L:          | rankala                | 91           |
| Adams  |             |                  |       |                  |                |                 |                        |              |
|  | 7 4         | 1                |       |                  |                |                 |                        |              |
| All Types of Practice  | 81 21       | JJ - 1           | -61   | E 5              | 46             | mulipays 1      | negy1                  | 413          |
| General Practitioner   | H 1         | 1                | -0.1  | <del>-</del>     | h ji           | et.Listoner     | - 4- Eur               | narreal)     |
| Specialists  | 7           | ) = <del>-</del> | - 43  |                  | 01 = T         |                 | nd est. <u>C</u> e t   | n nad        |
| Oral Surgeon   |             | _                |       | _                | · -            | - 700           | grot Ja                | well a       |
| Orthodontist   | _           | _                | _     | _                | , <del>-</del> |                 | garonic <u>a</u> ca    | -0           |
| Pedodontist  | -           |                  | _     | _                |                | _200.1          | tamborli<br>Live desir |              |
| Periodontist   | _           | -                | _     | _                | 1 -            |                 | line bot<br>Laboli     |              |
| Allamakee  |             |                  |       |                  |                |                 |                        |              |
| All Types of Practice  | 8           | 2                |       |                  | 1              | 2               | 3                      | hrighty.     |
| General Practitioner   | \$ 8        | 2                | £     | J                | 01 4 1         | 2 2             | 2                      | Lin          |
| Specialists  |             |                  | TE    | 1 T _            | 0.0            | reparkta la ci  | end Tea                | nimage()     |
| Oral Surgeon   | -           |                  | 7.    | - Park           |                |                 | raek[n]                | nago -       |
| Orthodontist   | April 10 20 |                  | (2)   | and the same     | - In-          | BOC.            | gradi Lo               | 140          |
| Pedodontist  | hard 12     |                  |       | T                |                | 201.            | rmobod:                | ±0 - □       |
| Periodontist   | A 1950      |                  | 1.00  |                  | - 1            | 37              | tamo <del>o</del> ol   | an H         |
| Terrodonerse   |             | in The           | -     |                  | _              | Jak.            | I folion               | 55           |
| Appanoose  |             |                  |       |                  |                |                 |                        |              |
| All Types of Practice  | /.          | 3-20             | 差上    | 1                | J. T           | 1 1             | 1                      |              |
| General Practitioner   | 4           |                  | 35    | 1 2 1            | 1 12           | a drawall l     | O BIDGY                | LLA -        |
| Specialists  | 4           | J . P.           | - 2   | 1 1 1            |                | 39681 1639      | 1 Pr                   | er vo        |
| The side of the state of the st | _           |                  |       |                  |                |                 | a zel Tal              | vanP -       |
| Oral Surgeon   | 1 1 -       |                  |       | _ 1 - 1          | _              | - 000           | anusik Tilbe           | evG          |
| Orthodontist   | _           |                  | -     | _                |                | 7.67            | Imphē-is               | mil = =      |
| Pedodontist  |             | _                | _     | _                |                | <del>-</del> 35 | LigoSo                 | aT.          |
| Periodontist   | _           | _                | _     | -                | _              | _               | _                      |              |

Number of Dentists by State, and County and Type of Practice, By Age of Dentists (continued)

| County and Type of Practice | All<br>Ages | -29                                   | 30-39                          | 40-49         | 50-59                      | 60-69  | 70+                      | Not<br>State |
|-----------------------------|-------------|---------------------------------------|--------------------------------|---------------|----------------------------|--|--------------------------|--------------|
|                             |             |                                       |                                |               |                            |  |                          |              |
| Audubon Comper Lyong of     |             |                                       |                                |               |                            |  |                          |              |
| All Types of Practice       | 2           | POTAL -                               | 5.77                           |               | 2                          | and the State of t | er9 1 <del>5</del> 50    | ast - 1      |
| General Practitioner        | 2           |                                       | ljutariju <del>ja</del> t pres | implicational | 2                          |  | NEAFTER A                | eas - H      |
| Specialists                 |             | 700                                   | <u>065</u>                     | (             | -                          | -  | nand Tary                | 0 - 4        |
| Oral Surgeon                |             | l                                     | ,                              | - 2           | <u> </u>                   | 437  | fanha <del>d</del> t i   | , <u>-</u>   |
| Orthodontist                |             |                                       | <u> </u>                       | - 1           |                            |  | Lianbub                  | g <u>-</u>   |
| Pedodontist                 |             |                                       | r a Special                    | lijoutenj     | 13.gmi-29                  | nod young  | ine shi re               | a -          |
| Periodontist                |             |                                       | - "-                           | - '           | -                          | _  | -                        | -            |
| Benton                      |             |                                       |                                |               |                            |  |                          |              |
| All Types of Practice       | 6           | 1                                     | ky €1 1 a                      | : Staul'e     | 2                          | t Fractica   | 0 82dAn                  | 774 TH       |
| General Practitioner        | 6           | 1                                     | 1                              | 1             | 2                          | 100000   | BYT LETS                 | ua/1, -      |
| Specialists                 | -           | mir. Ž                                |                                |               | _                          | _  |                          | equatr.      |
| Oral Surgeon                | - 1         |                                       | _                              |               | _                          | 11 44  | ral Surg                 |              |
| Orthodontist                |             |                                       | de different                   | arii la 🛶 🖂   | From . East                |  |                          |              |
| Pedodontist                 |             | 1514                                  | 1                              |               |                            |  | TAURNO PE                |              |
| Periodontist                | Thearter    | A                                     | No Sale of                     | rafi, 41 pi   | in copy <del>le</del> , in | hilo sini  | 3000 01 18<br>  (Kin 1 L |              |
|                             |             |                                       |                                |               |                            |  |                          |              |
| Black Hawk                  | -,          | THE REAL PROPERTY.                    |                                | n ly oner     | Las and an                 |  | d WadyT                  |              |
| All Types of Practice       | 54          | 3                                     | 14                             | 16            | 13                         |  |                          | de6 Til      |
| General Practitioner        | 44          | 3                                     | 10                             | 12            | 12                         | o decition   | 6                        | esq 8        |
| Specialists                 | 10          |                                       | 4                              | 4             | _ 1                        | 1000   | graf Ter                 | 0 7          |
| Oral Surgeon                | 2           |                                       | 1 1                            | 1             | -                          | Jak  | da obortá s              | (O. +1)      |
| Orthodontist                | 5           |                                       | 3                              | 1             | 1                          | 7.38   | Limotobe                 | 9 -          |
| Pedodontist                 | 2           |                                       | <u> </u>                       | 1             |                            | 1  | inabotas                 | 9 -          |
| Periodontist                | 1           |                                       | - 1                            | 1             |                            |  | _                        | - 50         |
| Boone                       |             |                                       |                                |               |                            |  |                          |              |
| All Types of Practice       | 10          | 1                                     | 3                              | _             | 2                          | 2  | 2                        |              |
| General Practitioner        | 10          | 1                                     | 3                              |               | 2                          | 2  | 2                        | mark -       |
| Specialists                 | _           | h                                     |                                |               | 18-1-                      | -  | oruž 4ma                 | 1            |
| Oral Surgeon                | _           | _                                     |                                |               | _                          | -101   | anobi-lin                |              |
| Orthodontist                | _           | _                                     |                                | _             | _                          | - 46   | tinotale                 |              |
| Pedodontist                 | _           | _                                     | 1                              |               | _                          |  | innbo <del>i</del> ns    |              |
| Periodontist                | _           | _                                     | - 70                           |               | _                          | _  | _                        | 1            |
| Bremer                      |             |                                       |                                |               |                            |  |                          |              |
| All Types of Practice       | 10          | Į                                     | 2                              | 4             |                            | i Praerice   |                          |              |
| General Practitioner        | 12<br>12    | $\begin{array}{c} 1 \\ 1 \end{array}$ | 2<br>2                         | 4             | 1                          | 1  |                          | mao =        |
| Specialists                 | 12          | т.                                    | 4                              | 4             | Τ.                         |  | a 1 1 3 1 c              |              |
| Oral Surgeon                | _           |                                       | <u> </u>                       |               | _                          |  | ral Sarg                 |              |
| Orthodontist                | -           |                                       | 244                            |               | _                          |  |                          | (0)          |
| Pedodontist                 | -           | -                                     |                                | _             | _                          |  | l rook be                |              |
| Periodontist                |             | _                                     | _                              | _             |                            | 781  | er Hodont                | -            |
| retrodontist                | _           | -                                     | _                              | _             | _                          | -  | _                        | -            |

| County and<br>Type of Practice | All<br>Ages         | -29             | 30-39              | 40-49    | 50-59      | 60-69               | 70+                     | Not<br>Stated           |
|--------------------------------|---------------------|-----------------|--------------------|----------|------------|---------------------|-------------------------|-------------------------|
| Intelligible Practifety        | 77,47               | 779 1           | 10-19              | 10-43    | 140-59     | 80-69               | 71)-                    | Staced                  |
| Buchanan                       |                     |                 |                    |          |            |                     |                         |                         |
| All Types of Practice          | 5                   | - 0             | -                  | 3        | 1          | - 1 los             | n'i ho-e                | All E Type              |
| General Practitioner           | 5                   | - 7             | _                  | 3        | 1          | 1101                | atam <del>a</del> 7     | Ge <del>a</del> eral    |
| Specialists                    | - 1                 | -17             | _                  |          | -          | _                   | 2 <del>-3</del> (4)     | Speciali                |
| Oral Surgeon                   |                     | - "             |                    | -        | =          | _                   | noelitu                 | 2 Is <del>ia</del>      |
| Orthodontist                   |                     |                 |                    | -        | 7 /        | _                   | deine                   | <del>V</del> erliod     |
| Pedodontist                    | =                   |                 | _                  | -        | Ī          | _                   | dál <del>=</del> c      | obnio <del>li</del>     |
| Periodontist                   |                     | - "             | -                  | <u> </u> | -          | _                   | omilat                  | bobre <del>d</del>      |
| Buena Vista                    |                     |                 |                    |          |            |                     |                         |                         |
| All Types of Practice          | 10                  | - ,             | 4                  | 3        | 2          | ao <del>F</del> ani | 1112                    | ager <del>d</del> ik    |
| General Practitioner           | 10                  |                 | 4                  | 3        | 2<br>2     |                     | 12351                   |                         |
| Specialists                    | 16                  | _               | _                  | 4        | #          |                     |                         | i si baz                |
| Oral Surgeon                   | -27                 |                 | 1                  | -        | 1          | _                   | 11053                   |                         |
| Orthodontist                   | <u> </u>            |                 | <u> </u>           | _        | _          | · -                 | 146.00                  |                         |
| Pedodontist                    | 2                   |                 | 1                  |          | Ī          | _                   |                         | اجعا نظم                |
| Periodontist                   | <u></u>             |                 | _                  | _        | =          | _                   | da i mio                |                         |
| Terrodonerse                   |                     |                 |                    |          |            |                     |                         |                         |
| Butler                         |                     |                 |                    |          |            |                     |                         |                         |
| All Types of Practice          | 2                   |                 | _                  | 2        | - 0        |                     |                         | agyl-114                |
| General Practitioner           | 2<br>2<br>-         | \               | 1                  | 2        | 9-2        |                     |                         |                         |
| Specialists                    | <u>198</u> 3        | 0               | _                  | 1        | 2/2        | 2_                  |                         | diai <del>5</del> 192   |
| Oral Surgeon                   | <u>. L</u> .        |                 | _                  | -        | <u>=</u> 2 |                     | 408511                  |                         |
| Orthodontist                   |                     |                 | =                  | -        | 4          |                     |                         | borla 70                |
| Pedodontist                    | Ŧ                   |                 | _                  |          | <u>=</u>   |                     |                         | ohoh <del>a</del> 7     |
| Periodontist                   | 2                   |                 | =                  |          |            |                     |                         | bolus !                 |
| Calhoun                        |                     |                 |                    |          |            |                     |                         |                         |
| All Types of Practice          | 7                   | 1 ,             | 2                  | - 2      | 2          | 1                   | _ 1                     | rokee                   |
| General Practitioner           | 7                   | 1-3             | 2                  | 6_       | 2          |                     |                         | ALL_Type                |
| Specialists                    | 2 <u>1</u> 4        | 2               | _                  |          |            | ilino.              | idday <mark>l</mark> as |                         |
| Oral Surgeon                   | 300                 |                 | - I                |          |            |                     |                         | dlat <del>z</del> ege   |
| Orthodontist                   | na i d <u>a</u> lea | - 1 <u>S</u> 44 | en, <u>a</u> . St. |          |            |                     |                         | S isto                  |
| Pedodontist                    |                     |                 |                    |          |            |                     |                         | bodd <del>-</del> 10    |
| Periodontist                   |                     |                 |                    |          | 1          | ·                   |                         | obab <del>s</del> 1     |
| reriodontist                   |                     |                 |                    |          | -          | _                   | 181700                  | boll r <del>a</del> f   |
| Carroll                        |                     |                 |                    |          |            |                     |                         |                         |
| All Types of Practice          | 8                   | 7.5             | 2 2                | 3        | 1          |                     |                         | · 111-Type:             |
| General Practitioner           | 7                   | <del>-</del>    | 2                  | 2        | 1          | 2                   |                         | Gen <del>E</del> ral l  |
| Specialists                    | 1                   | - 1             |                    | 1        | -          | 1- <u></u> -        | 7.31                    | Spe <del>d</del> iálda  |
| Oral Surgeon                   | _                   | -               |                    |          |            | · ·                 | nos                     | OF LE                   |
| Orthodontist                   | 1                   | -               | 4                  | 1        | ~          | -                   | Te Str                  | alsodu <del>s i</del> D |
| Pedodontist                    | -                   | -               | -                  | -        | -          | _                   | #3 <del>11</del> 111    | robol <del>a</del> I    |
| Periodontist                   | -                   | -               |                    | -        | -          | -                   | del <del>d</del> ro     | holo-T                  |
|                                |                     |                 |                    |          |            |                     |                         |                         |

Number of Dentists by State, and County and Type of Practice, By Age of Dentists (continued)

| County and<br>Type of Practice | All<br>Ages               | -29          | 30-3     | 9        | 40-49      | 50-59        | 60-69               | 70+                | Not<br>Stated      |
|--------------------------------|---------------------------|--------------|----------|----------|------------|--------------|---------------------|--------------------|--------------------|
| Cass                           | Orthodoxia Agricultureloi | 0-11-0       |          |          | Terms 1    |              | Alternation between |                    | rana               |
| All Types of Practice          | 8                         | L            | 3        |          | 2          | č            | 2                   | of he as           | AII Typ            |
| General Practitioner           | 7                         | 2 <u>E</u>   | 3        |          | 1          | <u> </u>     | 2                   | 1 1 1              | Jereneral.         |
| Specialists                    | 1                         | 3 <u>-</u> - | _        |          | 1          | _ 2          | 4                   | ur tatel           | dal regio          |
| Oral Surgeon                   | -                         | -            | -        |          | _          | _            | _                   | asegrus            |                    |
| Orthodontist                   | 1                         | - <u>-</u>   | _        |          | 1          |              |                     | ielimo!            | edition d          |
| Pedodontist                    | - J. 2 k.                 |              | _        |          |            |              |                     | -dakduc            | k- Pedusk          |
| Periodontist                   |                           | 41. =        | _        |          |            | = -          |                     | iont Lat           | wizel w            |
| Cedar                          |                           |              |          |          |            |              |                     |                    |                    |
| All Types of Practice          | 4                         |              | 1        |          | 1          | D.E          |                     | S la se            |                    |
| General Practitioner           | 4                         |              | 1        |          | 1 - 3      | <b>⊅</b> £ ≥ | gloner              | Printes            | Latenetal.         |
| Specialists                    | 4                         | 84 4 T. J    | -        |          | 1          | + 3          | - L                 | etal               | ki Li Saqil        |
| Oral Surgeon                   |                           |              | 48571    | The same | _          |              | ,-                  | mosgrans           | - Isio Y           |
| Orthodontist                   | _                         | - 1          |          |          | -1.4       |              | -                   | delita et          | reals 50° 4        |
| Pedodontist                    |                           | _            |          |          | C 5 % A    | . J. 18      | -                   |                    | dopbed A           |
| Periodontist                   | _                         |              |          |          |            |              | 50 T 10 W           | And pincil         | and tried          |
| Periodontist                   | - T                       |              | _        |          | - 1        |              |                     | - E                |                    |
| Cerro Gordo                    |                           |              |          |          |            |              |                     |                    |                    |
| All Types of Practice          | 28                        | : <u></u>    | 8        |          | 7          | 7            | 4                   | 1                  | 1                  |
| General Practitioner           | 20                        | -            | 6        |          | 5          | 4            | 3                   | 1                  | an in a particular |
| Specialists                    | 8                         | -            | 2        |          | 2          | 3            | 1                   | Tegan i            | ALTO LANGE DE      |
| Oral Surgeon                   | 2                         |              | _        |          | _          | 2            |                     | anegg tui          | _                  |
| Orthodontist                   | 5                         |              | 2        |          | 1          | 1            | 1                   | l'e <u>l</u> linoi |                    |
| Pedodontist                    | 1                         |              | - L      |          | 1          |              | -                   | Jakiin             |                    |
| Periodontist                   |                           |              | i        |          | - :        |              | - 1                 | relinol            | 10121 <u>9</u> 7 . |
| Cherokee                       |                           |              |          |          |            |              |                     |                    |                    |
| All Types of Practice          | 7                         |              | 3        |          | 2          | 1            | epida61             | A No us            | dA1 True           |
| General Practitioner           | 7                         | 0 1          | 3        |          | 2          | 1            | money               | 1<br>1<br>1        | Genora i           |
| Specialists                    | - 1                       | 6 <u>-</u> : |          |          | 4 <b>-</b> |              |                     |                    | lulpaqi.           |
| Oral Surgeon                   | -0.00                     |              | <u> </u> |          |            |              | _                   | surgeon            | , As.70            |
| Orthodontist                   | 1000                      | <u>-</u>     |          |          |            | _            | _                   | Jeliano)           | 925350             |
| Pedodontist                    | _                         |              | _        |          |            |              |                     | Jaljas             |                    |
| Periodontist                   | _                         |              | _        |          | -          | _            |                     | lontiet            | elieria.           |
| Chickasaw                      |                           |              |          |          |            |              |                     |                    |                    |
| All Types of Practice          | ,1                        |              |          |          |            | .8           |                     |                    |                    |
| General Practitioner           | 4                         | 2 -          | _        |          | 2          | 1            | Through.            | PLANT.             | Levinos            |
| Specialists                    | 4                         | 2 7          | -        |          | 2          | 1            | 7                   | Lada3              | Le Days.           |
| Oral Surgeon                   | -                         | _            | _        |          |            | -            | <del>-</del>        | unio prosi         | 1470               |
| Orthodontist                   | -                         |              | _        |          | -          |              |                     | ##7.5 p.c.?        | orthog             |
| Pedodontist                    | -                         | -            |          |          | -          |              |                     | 101700             |                    |
| Periodontist                   | _                         |              | -        |          | -          | -            | <del>-</del>        | hillstock          |                    |
| reliodontist                   | -                         | -            | -        |          |            | -            | -                   | -                  | -                  |
|                                |                           |              |          |          |            |              |                     |                    |                    |

Number of Dentists by State, and County and Type of Practice, By Age of Dentists (continued)

| County and            | A11        |            |        |          |                |           |  | Not                   |
|-----------------------|------------|------------|--------|----------|----------------|-----------|--|-----------------------|
| Type of Practice      | Ages       | -29        | 30-39  | 40-49    | 50-59          | 60-69     | 70+  | Stated                |
| ypa. of Practice      | Ages       | - 25       | 20-39  | 40-49    | . 50-3.        | 5.4-83    | 7 1 308-   | 1 7 GALL THE          |
| Clarke                |            |            |        |          |                |           |  |                       |
| All Types of Practice | 1          |            | _ 8    | _        | 0_             |           | 2011 Is  |                       |
| General Practitioner  | 1          | -          | _      | 4        | - <u>0</u>     | <u>.</u>  | a <b>j</b> elia  | lia-P                 |
| Specialists           |            | -          | _      | 4        | - 2            | - 200     | L Surren   | anti 🗕                |
| Oral Surgeon          | 1          | _          | _      | _        | -1             | - 11      | Larabon  | 330-                  |
| Orthodontist          |            |            | _      | _        |                | _         | al too be  | be 9 =                |
| Pedodontist           | - 4        | -          | _      | _        | - 1            | _ 23      | de de destruir   | rof -                 |
| Periodontist          | _          | _          | -      | _        | _              | _         |  | _                     |
| Fair Colonic ISC      |            |            |        |          |                |           |  |                       |
| Clay -                |            |            |        |          |                |           |  |                       |
| All Types of Practice | 10         | -          | 4      | 2        | € 4            | camolod   | na-I I   | - Cemen               |
| General Practitioner  | 8          |            | 3      | 2        | 3              | 2         | a Wali La  | Sheed                 |
| Specialists           | 2          |            | 1 -    |          | 1              | 2 99      | i Surge  | 810 <u>-</u>          |
| Oral Surgeon          |            | _          | 5      | - 2      | - 2            |           | uhu en bod   |                       |
| Orthodontist          | 2          |            | 1 -    | _        | -1             |           | a hamob o  |                       |
|                       | 2          | -          | 1      | _        | - m <u>- 7</u> |           | Lodonick   |                       |
| Pedodontist           | 3          | _          | Ξ      | <u> </u> | _              | _         | _  |                       |
| Periodontist          |            |            | -      |          |                |           |  |                       |
| Clauton               |            |            |        |          |                |           |  |                       |
| Clayton               | - 6        |            | 1 2    | 1        | C 2            |           | Let Harir  | n nan                 |
| All Types of Practice | - 6<br>- 6 |            | 1      | 1        | 2              | 2         |  | Luar <del>e</del> ll  |
| General Practitioner  | 0          | _          | 1      | å        | -1             |           | i. Sperio  |                       |
| Specialists           | _          | _          | _      | _        |                |           | a anegaritt.<br>hedo <del>r</del> itt  |                       |
| Oral Surgeon          | _          | _          | _      | _        |                |           | ar it d <del>a</del> ra ka   |                       |
| Orthodontist          | _          | _          | _      | _        |                |           | i de de la companya d |                       |
| Pedodontist           | -          |            |        | _        | _              |           | T Significan   | Adria -               |
| Periodontist          | _          | _          | _      | _        | _              | _         | _  | erangial              |
| Clinton               |            |            |        |          |                |           |  |                       |
| Clinton               | 2.4        |            | 5 \$   | 6        | 7              |           | 0  |                       |
| All Types of Practice | 24         | _          | 5<br>4 | 6<br>5   | 6              | 3         | 3  | 360: <del>4</del> )   |
| General Practitioner  | 21<br>-3   | _          | 1 -    | 1        | 1              | 3         | 3  | A 875-P               |
| Specialists           | 3          | _          | 1      |          |                |           | k stention   | 8. 157 <del>-</del>   |
| Oral Surgeon          | 2          |            | 1      |          |                |           |  |                       |
| Orthodontist          | 2          | Ε          |        | 1        |                |           | B.P. Haraka  |                       |
| Pedodontist           | 1          | 1.75,53    |        |          | 1              | - 18      | Lodo <del>n</del> obod   | 103 -                 |
| Periodontist          |            |            |        |          |                |           | -  | rauteM art            |
| Crawford              |            |            |        |          |                |           |  |                       |
| All Types of Practice | 6          | - <u> </u> | 3      | 1        | p. <u>2</u>    | 2 1 3 1 3 | SATH LE  | Transfer <del>C</del> |
| General Practitioner  | 6          | 1          | 3      | 1        | 6.2            | 2         | $H = \{1, 2, 3\}$  | Lback .               |
| Specialists           | 5#         | 1          | 1      | _        | 5.4            | - ,510    | argr <del>á</del> rð í   | and -                 |
| Oral Surgeon          |            | 440        | = 1.0  | -        | (-             | - 3:      | litrobc.   | ) TU -                |
| Orthodontist          | ~          | -          | _      | _        | -              | - 3       | a.ha <del>u</del> jo bo  | - Fed                 |
| Pedodontist           | 100        | -          | _      | _        | -              | - 38      | lo c <del>o</del> stil   | 787 <del>-</del>      |
| Periodontist          | _          | -          |        |          | -              | -         | -  | -                     |

Number of Dentists by State, and County and Type of Practice, By Age of Dentists (continued)

desider of Dentists by State, and County and Type of Practice, by Aga of Dentists (qualitative)

| County and                                    | A11   |          |                |                   |                   |                         | 70.                                   | Not                                      |
|---|-------|----------|----------------|-------------------|-------------------|-------------------------|---------------------------------------|--|
| Type of Practice                              | Ages  | -29      | 30-39          | 40-49             | 50-59             | 60-69                   | 70+                                   | Stated                                   |
| Dallas  |       | n        |                |                   |                   |                         |                                       |  |
|   | 9     | 1        | 2              | 1                 | 1                 | 2                       | 2                                     |  |
| All Types of Practice                         | 9     | 1        | 2              | 1                 | 1                 |                         | 2                                     | 15A A 84                                 |
| General Practitioner                          | , ,   | - 1      | 7 _            | 10                |                   |                         |                                       |  |
| Specialists                                   | i gī- |          |                | : <u>-</u>        | _                 | theight to              | day T. In                             | 1750 PARCE                               |
| Oral Surgeon                                  | 100   |          |                |                   |                   |                         | aaraan<br>1 Sa <del>r</del> igka      | read = 1                                 |
| Orthodontist<br>Pedodontist                   |       |          |                | 1 🖺               |                   |                         |                                       |  |
| Periodontist                                  | 100   |          |                | _                 |                   |                         | uld <del>u</del> ebor                 |  |
| Periodontist                                  |       |          | _              | -                 |                   |                         | n P <del>a</del> moka<br>Lanobol      |  |
| Davis   |       |          |                |                   |                   |                         |                                       |  |
| All Types of Practice                         | 3     | -        | 1              | -                 | 1                 | -                       | 1                                     | - 44                                     |
| General Practitioner                          | 3     | -        | 1 6            | _l ,              | <sup>3</sup> 0.1  | Fractice                | lelengy                               | r – r <del>a</del> ri                    |
| Specialists                                   |       | 14       | 18 <b>–</b> 18 | _                 | -9 -              | ris <del>-s</del> olati | As <del>s</del> T fa                  | sa an <del>a</del> 01. Pi                |
| Oral Surgeon                                  | -     |          |                | -                 | 22                | · -                     | Trapadir                              | dan <del>a</del> a a                     |
| Orthodontist                                  |       |          | - 12           | × +               | _                 | - 05                    | Surprise                              | Lasti-U.S.                               |
| Pedodontist                                   | 7-    | _        | - 1            | - 1. <del>.</del> | - 2               | Sa                      | Li <del>a</del> nbo                   | 10                                       |
| Periodontist                                  | -     | _ = .    | _              |                   |                   |                         | Name of                               |  |
| Decatur                                       |       |          |                |                   |                   |                         |                                       |  |
| All Types of Practice                         | 3     | _        | 2              | -                 |                   |                         | 1                                     | n <del>-</del> n fried                   |
| General Practitioner                          | 3     | _        | 2              | 7 _               | 7a-               |                         | 1.1                                   | ert r <del>a</del> idhl                  |
| Specialists                                   |       |          | 0.2.3          | 5 -               | 49-               |                         | Hu <del>n</del> t I                   |  |
| Oral Surgeon                                  | _     | <u> </u> | 2              | 4 _               | 1                 |                         | Table 1.14                            | a Part                                   |
| Orthodontist                                  |       |          | - <u>- 1</u>   | _                 |                   |                         | ida <del>t</del> rê J                 |  |
| Pedodontist                                   | -     |          | 3              | 1 -               |                   |                         | l mobos                               |  |
| Periodontist                                  | -     |          |                | - 11              | <u> </u>          |                         | in La mobi                            |  |
|   |       |          |                |                   |                   |                         |                                       |  |
| Delaware                                      |       |          |                |                   |                   |                         |                                       |  |
| All Types of Practice                         | 4     |          | 2              | 1                 | _                 | 1                       | -                                     | a=3.0 fr                                 |
| General Practitioner                          | 4     | - T      | 2              | 1                 | 4.16 <del>.</del> | siltson?                | Transport                             |  |
| Specialists                                   | 0-    |          | B - 10         |                   | 7 L <del>-</del>  | Fearmold La             | d Pasci                               | stage 3                                  |
| Oral Surgeon                                  | Ţ     | - 1      |                | -                 | 100-              | _                       | " refeat in                           | 1 Specile                                |
| Orthodontist                                  |       | 1        |                | _                 | -                 | · · · and               | rig <del>o</del> nii 1                | 1410- III                                |
| Pedodontist                                   | -     |          |                | g                 | -2                | - a                     | (i i <del>a</del> obni                | igrac-                                   |
| Periodontist                                  | 1-    | -        |                |                   |                   |                         | mi <del>t</del> aobe                  |  |
| Des Moines                                    |       |          |                |                   |                   |                         |                                       |  |
|   | 17    | 1        | 5              | 3                 | 3                 | 5                       | _                                     | A-2-14                                   |
| All Types of Practice<br>General Practitioner | 14    | 1        | 4              | 2                 | 3                 |                         | Tro- asset                            | 4-12-0                                   |
|   | 3     |          | 1              | 1                 | 1                 | 70-011                  |                                       | ran <del>a</del> o<br>Man <del>a</del> o |
| Specialists                                   | 2     |          |                | 1                 | -1                |                         |                                       | Specta                                   |
| Oral Surgeon                                  | 1     |          | 1 -            | _                 |                   |                         | South Services                        |  |
| Orthodontist<br>Pedodontist                   |       | A        |                |                   | -                 |                         | regnac.<br>Gri <del>n</del> iniski    |  |
|   |       | _        | _              | _                 |                   |                         | raumineer<br>18 J <del>a</del> ina bi |  |
| Periodontist                                  |       | -        |                | T                 | -                 |                         | i a t <del>o</del> na p               |  |

| County and                       | A11   | -29  | 30-39 | 40-49            | 50-59 | 60-69     | 70+                     | Not<br>Stated         |
|----------------------------------|-------|------|-------|------------------|-------|-----------|-------------------------|-----------------------|
| Type of Practice                 | Ages  | -29  | 30-39 | 40-49            | 30-39 | 00-09     | 701                     | - States              |
| ueflion - C                      |       |      | =     |                  |       |           |                         |                       |
| Dickinson                        |       |      |       |                  |       |           |                         |                       |
| All Types of Practice            | 7     |      | _     | 3                | 3     | 1         | a <del>se</del> dita    | Tairn <del>al</del> t |
| General Practitioner             | - 6   | _    |       | 3                | 2     | 1 100     | ana-it I                | e10 =                 |
| Specialists                      | - 1   | -    |       | _                | -1    | - 929     | tal <del>a</del> of     | UTO -                 |
| Oral Surgeon                     |       | -    | _     |                  | _     |           | a a <del>h</del> imbo   | 589 <b>-</b>          |
| Orthodontist                     | - 1   | _    | _     | -                | - 1   | - 10      |                         |                       |
| Pedodontist                      | _     | _    | _     | _                | _     | _         | _                       | _                     |
| Periodontist                     | _     | _    | _     | _                | _     | _         | 1_                      | 45±0ma                |
|                                  |       |      |       |                  |       |           |                         |                       |
| Publique L                       |       |      |       |                  |       |           |                         |                       |
| Dubuque<br>All Types of Practice | 44    |      | 0     | 11               | 14    | 2         | 7                       | 2                     |
| General Practitioner             |       |      | 8     | 8                | 10    |           |                         |                       |
|                                  | 35    | -    | 6     |                  |       |           | 7                       | week 2                |
| Specialists                      | 9     |      | 2     | 3                | - 4   |           | , prunhon               |                       |
| Oral Surgeon                     | - 3 . | -    | 1 -   | _                | 2     |           | el <del>n</del> icho    |                       |
| Orthodontist                     | - 3   | -    | 1     | _                | 2     | - 32      | i te <del>r</del> okoj  | - Per                 |
| Pedodontist                      | 3     |      | - ,   | 3                | -     | -         | -                       | -                     |
| Periodontist                     | _     | _    | _     | _                | -     | _         | -                       | - 128 T               |
|                                  |       |      |       |                  |       |           |                         |                       |
| Emmet                            |       |      |       |                  |       |           |                         |                       |
| All Types of Practice            | - 8   | 1    | 1     | 3                | -1    | 2         | ar To A Lin             | Jones TE              |
| General Practitioner             | 8     | 1    | 1     | 3                | -1    | 2         | i Sirge                 | - CONT.               |
| Specialists                      |       | _    |       | -                | 10.00 |           | Liacotal                | 4 km =                |
| Oral Surgeon                     |       | _    |       | -                | _     |           | d Latter be             | bas 9 =               |
| Orthodontist                     | -     | _    | _     | _                |       |           | kataroba l              |                       |
| Pedodontist                      | _     | _    | _     | _                | _     | _         | - Character             | _                     |
| Periodontist                     |       | _    | _     | _                | _     | _ 10 - 10 | _                       | -basi                 |
|                                  |       |      |       |                  |       |           |                         |                       |
| Fayette                          |       |      |       |                  |       |           |                         |                       |
| All Types of Practice            | 9     |      | 3     | 2                | 3     | titipner  | 7                       | Taund                 |
| General Practitioner             | 9     |      | 3     | 2                | 3     |           |                         | 120015                |
|                                  | 9     | 1000 | 3     | 2                | 3     |           | 100                     | 830                   |
| Specialists                      |       | _    | _     |                  |       | 7 18      | Lauru had               |                       |
| Oral Surgeon                     |       | _    | -     |                  | _     |           | et mobo                 |                       |
| Orthodontist                     |       |      |       |                  |       |           | lom-bol                 | TEN .                 |
| Pedodontist                      |       | -    | - '   | , a l—           |       | _         | _                       | _                     |
| Periodontist                     | _     | -    | _     | _                |       | _         | -                       | e <del>k</del> ari du |
|                                  |       |      |       |                  |       |           |                         |                       |
| Floyd                            |       |      |       |                  |       |           |                         |                       |
| All Types of Practice            | 8     | 1    | 3     | ; <del>-</del> ; | 3     |           | a 1 . ( .               |                       |
| General Practitioner             | 8     | 1    | 3     | -                | 3     | : _grus   | 1                       |                       |
| Specialists                      |       | -    |       | _                |       |           | es i <del>n</del> chant |                       |
| Oral Surgeon                     | H     |      |       | -                | ·     |           | eli <del>n</del> dolo : |                       |
| Orthodontist                     | -     | ·    | -     | _                | -     |           | ld mibol                |                       |
| Pedodontist                      | _     | _    | -     | _                | -     | _         | _                       | _                     |
| Periodontist                     | _     | _    | _     | _                | _     | _         | _                       | _                     |

Number of Dentists by State, and County and Type of Practice, By Age of Dentists (continued)

| County and<br>Type of Practice | All<br>Ages  | -29        | 30-39       | 40-49   | 50-59          | 60-69                   | 70+                     | Not<br>Stated              |
|--------------------------------|--|------------|-------------|---------|----------------|-------------------------|-------------------------|----------------------------|
| 163668 FUL 10-VC               | er di  | 12-UA      | 30-39       | -29     | 8584           |                         | toli set                | I to ag                    |
| Franklin                       | To the state of th |            |             |         |                |                         |                         |                            |
| All Types of Practice          | 5  | 1          | _           | _       | 2              | 2                       | 7                       | - 1                        |
| General Practitioner           | 5  | 1          | -           | _       | 2              | 2                       |                         | TOER-DARK                  |
| Specialists                    | -  | _          | -           | -       | T -            | AD LADER!               | 30-5-07                 | r THOM                     |
| Oral Surgeon                   | . (W.H.)   |            | -           | -       | ð <del>-</del> | 19 <del>4</del> 03213   | tar <del>y</del> l La   | 1 2 ( <del>- 1</del> 1 1 1 |
| Orthodontist                   | - 10 <del>-</del> 1  |            | -           | -       | 1 -            |                         | m <del>i</del> sila     | 419 <del>5</del> 1.11      |
| Pedodontist                    |  | -          |             | lane.   | _              |                         | iggių2 L                |                            |
| Periodontist                   |  | · +        | ·           |         |                |                         | ika <del>k</del> opori  |                            |
| -                              |  |            |             |         |                |                         |                         |                            |
| Fremont                        |  |            |             |         |                |                         |                         |                            |
| All Types of Practice          | 2  | -          | 1           | -       | 1              | _                       | -                       | - 4                        |
| General Practitioner           | 2  | -          | 1           | _       | 1              |                         | -                       | 24,000                     |
| Specialists                    | A 2  | 17.7 -     | - 8         | -       | July State     | irrao <del>s</del> tica |                         | i redit                    |
| Oral Surgeon                   | 07   | _          | , i - i a : | -       | E6-            | remokak                 | ni, Petr                | 150 <del>-</del>           |
| Orthodontist                   | - Ar <del>-</del>  | - 1        |             | 10 OT V | 9-             | ·-                      | saatis.                 | LD BY THE                  |
| Pedodontist                    | -2-  | -          |             |         | - E            |                         | da ang T                |                            |
| Periodontist                   | - 2  | 1 12       | - 1         | -       | All the        |                         | Literation              |                            |
|                                |  |            |             |         |                |                         |                         |                            |
| Greene                         |  |            |             |         |                |                         |                         |                            |
| All Types of Practice          | 4  | 1          | 1           | 1       | 1              | - 40 - 8 <del>4</del> 7 | 1 J-                    | - "                        |
| General Practitioner           | 4  | 1          | 1           | 1       | 1              |                         | -                       | - 100                      |
| Specialists                    |  | . 6        | - 1         |         | 6-11           | 9534561E                | To suppy                |                            |
| Oral Surgeon                   |  | - 6        | 1           |         | 18-11          | 100404                  | bod le                  | zwa <del>d</del> i (       |
| Orthodontist                   |  | 194        |             | - 14    |                | l <del>-</del>          | oralls.                 | loo <del>g</del> t 📊       |
| Pedodontist                    |  | _          |             | _       |                | - mg                    | A Switge                | 830 (II                    |
| Periodontist                   |  | -          |             | _       | mb-            | - 30                    | Lus <del>c</del> obort: | 130 - 1                    |
| reflodomerse                   | . 1,447  |            |             |         |                |                         |                         |                            |
| Grundy                         |  |            |             |         |                |                         |                         |                            |
| All Types of Practice          | 5  |            | 2           | 1       | 2              | -                       | -                       | -                          |
| General Practitioner           | 5  | _          | 2           | 1       | 2              | -                       | -                       | s. <del>L</del> lay        |
| Specialists                    | 24   |            |             | -       | · -            | Prayetlos               | la-hagg                 | T J HA Y                   |
| Oral Surgeon                   | £-   | 114        | 11 - 18     | -       | P              | Topolala                | DAIPT LE                | 75/25 <del>-</del> 2       |
| Orthodontist                   | -  | _          | 100 min     | -       |                |                         | na <del>le</del> (Lia   | Seect Peace                |
| Pedodontist                    |  | _ /        | Birne e     | -       | _              | 200                     | بل الساوط               | 670 7                      |
| Periodontist                   |  |            |             | -       | -              |                         | Etreshod:               | nn-                        |
| reliodontist                   |  |            |             |         |                |                         |                         |                            |
| Guthrie                        |  |            |             |         |                |                         |                         |                            |
| All Types of Practice          | 1 1  | السال الله | -           | 1       | _              | _                       | -                       | ·                          |
| General Practitioner           | 141  | 12         | 4-          | 1       | 2-             |                         |                         |                            |
|                                | 19   | -          | 1_ &        | ÌĒ.     | 8-             |                         | In, saqr                |                            |
| Specialists                    | 57_  | /          | i           | 15      | 81-            | Tolki Ir                | out Live                |                            |
| Oral Surgeon                   |  | _          | )_          | -       | Printed States | _                       | age bla.                | to eg2                     |
| Orthodontist                   |  | _          |             | _       | -              | 100                     | egyel L                 | m:0 _                      |
| Pedodontist                    | _  |            | _           | _       |                |                         | haup <u>a</u> bad:      |                            |
| Periodontist                   |  | -          |             |         |                |                         |                         |                            |
|                                |  |            |             |         |                |                         |                         |                            |

| County and Type of Practice | All<br>Ages | -29               | 30-39  | 40-49      | 50-59          | Not<br>60-69 70+ State      |
|-----------------------------|-------------|-------------------|--|------------|----------------|-----------------------------|
| Type of fidelie             |             |                   |  |            | A SERVICE      | - Total Additional Control  |
| Hamilton                    |             |                   |  |            |                |                             |
| All Types of Practice       | 8           | 2 4 -             | 2  | 3          | 2 i            | - 15 1cm to 1 11/-          |
| General Practitioner        | 8           | 2 -               | 2  | - 3        | ī              | 150 Illi srI israal-        |
| Specialists                 | _           |                   | _  |            |                | = stellatrant               |
| Oral Surgeon                |             |                   | _  | _          | _              | - Oral Survey               |
| Orthodontist                | -           |                   | _  | E :=       | _              | - Padine-behang -           |
| Pedodontist                 |             | -                 | _  |            | _              | - Peldiel Jack -            |
| Periodontist                |             | -                 | _  |            |                | - Validation -              |
|                             |             |                   |  |            |                |                             |
| Hancock                     |             |                   |  |            |                |                             |
| All Types of Practice       | 5           | £ 12 -            | 2  | - 1        | ð 1            | 50 4 2 7 50 1 7 7 1 7 4     |
| General Practitioner        | 5           |                   | 4  | 1          | 1              | Trac(it/2                   |
| Specialists                 | _           | _                 | _  | _          | - 2            |                             |
| Oral Surgeon                | - 1-        |                   | _  | -          |                | - Oral Sargeon -            |
| Orthodontist                |             |                   | _  | _          | _              | - Oslandonias -             |
| Pedodontist                 |             |                   | _  |            | _              | - Pedadentist -             |
| Periodontist                | _           |                   |  |            | _              |                             |
| 101100010101                |             |                   |  |            | · · ·          | - Jailmyories -             |
| Hardin                      |             |                   |  |            |                |                             |
| All Types of Practice       | 9           | _                 | 4.   | 5          | 2              | 2                           |
| General Practitioner        | 9           | - 1-              | _  | - 5        | 2              | noist 2:15 To sequit stop # |
| Specialists                 |             |                   | _  | _          | 2              | nandilian - farent-         |
| Oral Surgeon                |             |                   | Ξ.   |            |                | - Flee Tiff and -           |
| Orthodontist                |             |                   | _  | _          | _              | - aceptin Lato -            |
| Pedodontist                 |             |                   | 7  | _          | _              | - Otthowndito -             |
| Periodontist                |             | _                 | _  | _          | -              | - naturable -               |
| reriodoficist               | _           | _                 |  | -          |                | - andamétra9                |
| Harrison                    |             |                   |  |            |                | 4" (125 min                 |
| All Types of Practice       | 2           | £                 | 1  | 1 €.       | 3 4            | antiductive impyt inte      |
| General Practitioner        | 2           |                   | 1  |            | a -            | Tenaral Teactifulner        |
| Specialists                 |             |                   |  |            |                | Total value (Tate           |
| Oral Surgeon                |             |                   |  |            |                |                             |
| Orthodontist                |             |                   |  |            |                |                             |
| Pedodontist                 |             |                   | APPLICATION OF THE PERSON OF T |            |                |                             |
| Periodontist                |             |                   |  |            |                |                             |
| and fully i                 |             |                   |  |            |                | ¥                           |
| Henry Types of Peartice     |             |                   |  |            |                | lackero :                   |
| All Types of Practice       | 7           | <b>6</b> 1        | 1  | - 1        | 2              | - Land of the sector        |
| General Practitioner        | . 7         | <b>1</b>          | 1  | - 1        | 2              | Tomer Lactitioner           |
| Specialists                 |             | -                 | -  | -          | J              | - coelletanet .             |
| Oral Surgeon                |             | - <del>-</del>    | -  | -          |                | - neesing land              |
| Orthodontist                |             | <del></del>       | -  | , <b>-</b> | T *-           | - dekinobediro -            |
| Pedodontist                 | _           | me d <del>-</del> | 7  |            | - <del>-</del> | Pedodoatist T               |
| Periodontist                |             | _                 | _  |            | _              | Tallidon blyen              |

Number of Dentists by State, and County and Type of Practice, By Age of Dentists (continued)

| County and            | A11              |        |              |                    |       |                      |  | Not            |
|-----------------------|------------------|--------|--------------|--------------------|-------|----------------------|--|----------------|
| Type of Practice      | Ages             | -29    | 30-39        | 40-49              | 50-59 | 60-69                | 70+  | Stated         |
| T-CO-192-00           | TO WHE           | eren e | ,            |                    |       | April 1              |  |                |
| Howard                |                  |        |              |                    |       |                      |  |                |
| All Types of Practice | 5                | -      | 1            | - 2                | 8 4-  | and Presented        |  | 1242-33        |
| General Practitioner  | 5                | E -    | 1            | 2                  | 8 7-1 | 2390H ID 0           | 2  | maJ-           |
| Specialists           | -                |        | _            |                    | -     | 0.74.00              |  | odk            |
| Oral Surgeon          | -                | -      | _            |                    | _     | - 0001               |  | 9 -            |
| Orthodontist          |                  |        | _            | _                  | _     |                      |  |                |
| Pedodontist           |                  |        | _            | _                  | _     |                      | edc <del>a</del> dnt.<br>er L <del>a</del> don |                |
| Periodontist          | -                | -      | _            | -                  | -     | - sals               | Michigan a                                     | · - 7/4        |
| Humboldt              |                  |        |              |                    |       |                      | -  | al property al |
| All Types of Practice | 6                | 1-     | 1            | - 1                | ē 1   | of Primitice         |  | 14.1           |
| General Practitioner  | 6                |        | 1            | - 1                | c 1   | rebli <b>l</b> löner |  |                |
| Specialists           | - 1 <del>-</del> |        | _            | _                  |       |                      | rd e l <del>d</del> m ko                       |                |
| Oral Surgeon          | -                |        | · -          | _                  | _     |                      | ral-Sur  |                |
| Orthodontist          | -                | -      | -            | _                  | _     |                      | natedar  |                |
| Pedodontist           | -                | -      | _            | _                  | _     |                      | Limbobs  |                |
| Periodontist          | -                | , le = |              | -                  | -     | -3813                | mol <del>a</del> ite                           | 7              |
| Ida                   |                  |        |              |                    |       |                      |  |                |
| All Types of Practice | 3                | _      | -            |                    | 6 -1  |                      | 1  | LIKET          |
| General Practitioner  | 3                | ·      | L +          | -10                | e 1   | randil 1119a         | 1111   | nol7 = -       |
| Specialists           | T `              |        | _            | -                  | _     |                      | gel <del>d</del> ak:                           | sqt =          |
| Oral Surgeon          | <del>-</del>     |        | -            | ÷ .                |       |                      | mig-In   |                |
| Orthodontist          |                  |        | <del>-</del> | r and <del>-</del> |       |                      | ta du <del>o</del> d da                        |                |
| Pedodontist           | -                |        | -            |                    |       |                      | Offic bobs                                     |                |
| Periodontist          | 4                | -      | -            |                    |       | - 181:               | laok <del>o</del> tza                          | 9 -            |
| Iowa                  |                  |        |              |                    |       |                      |  |                |
| All Types of Practice | - 6              | 1      |              | 1                  | 1     |                      | Typell s                                       | LIE 1          |
| General Practitioner  | - 6              | - 1    | _            | - 1                | 1     | 2                    | of dese  | 1              |
| Specialists           | <u>-</u>         | -      | -            | -                  |       |                      | ki dil <del>i</del> mbo                        | #15 = 1        |
| Oral Surgeon          | _                | _      | -            | -                  |       | -doal                | (1)2-141                                       | 0              |
| Orthodontist          | -                | _      | -            | -                  |       |                      | g8b <del>o</del> d23                           |                |
| Pedodontist           | _                | _      |              | -                  | -     |                      | Sale-ohe                                       |                |
| Periodontist          | -                | -      | -            | 147                |       |                      | erf <del>e</del> don                           | -              |
| Jackson               |                  |        |              |                    |       |                      |  |                |
| All Types of Practice | 6                | T-     |              | 4                  | 1     | autical lo           | Esty T   | LIA -          |
| General Practitioner  | 5                | 17-    |              | 4                  | 1     |                      | gy <del>I</del> sta                            |                |
| Specialists           | 1                |        |              | -                  | -     |                      | dal <del>i</del> nio                           |                |
| Oral Surgeon          |                  |        | -            | _                  | -     |                      | ral-Sur  |                |
| Orthodontist          | 1                | _      | ,-           |                    | 7     |                      | neb=dra  |                |
| Pedodontist           |                  | _      | , " = 1      |                    |       |                      | amo <del>k</del> oba                           |                |
| Periodontist          | _                |        | -            | _                  | - J-7 | -de/d                | nobel is                                       |                |

| County and<br>Type of Practice | All<br>Ages | -29        | 30-39   | 40-49    | 50-59      | 60-69             | 70+                         | Not<br>Stated  |
|--------------------------------|-------------|------------|---------|----------|------------|-------------------|-----------------------------|----------------|
| - 08322G - 1 mod (             | F1 400 -    | , 1,0=0+   | THE TOE |          | B.Gg/YL-12 |                   | era i u an                  | TH db:18qq     |
| Jasper                         |             |            |         |          |            |                   |                             |                |
| All Types of Practice          | 11          | 1          | 3       | 2        | 1          | 2                 | 1                           | in in the same |
| General Practitioner           | 11          | 1          | 3       | 2        | 2 1<br>1   | 2 2 2             | 101119                      | 1              |
| Specialists                    | _           |            | -       | _        | 6 _        | 3900033           |                             | WIEREN.        |
| Oral Surgeon                   |             | = "        | _       | _        |            | _                 |                             | Sports         |
| Orthodontist                   | 1.0         |            | _       | _        | _          |                   | Surkeo                      | LETO_          |
| Pedodontist                    | - 4         |            | _       | -        | _          |                   | akanebo                     | rg 126-        |
| Periodontist                   |             |            |         |          | -          |                   | dal-unb                     |                |
| Jefferson                      |             |            |         |          |            |                   |                             |                |
| All Types of Practice          | 5           | 1          | 2       |          | 1          | 1                 |                             | 1 <u>-</u> 1   |
| General Practitioner           | 4           | 1          | 2       |          | 8.0        |                   | žu šeg                      |                |
| Specialists                    |             | . E        | _−€     | _        | 0.1        | 1. Larer          | T France                    |                |
| Oral Surgeon                   | 1           |            | _       | _        | 2          | _                 | Liets                       | Spacia         |
| Orthodontist                   | 1           | 1-2        |         | -        | 1          | 2 0               | 0631B2                      | Laid-          |
| Pedodontist                    |             | -          |         |          | 1.7-       | _* 3              | a kangobu                   | 13 tO -        |
| Periodontist                   |             | - <u>-</u> | -       |          |            |                   | doniiist<br>odenkis         |                |
| Johnson                        |             |            |         |          |            |                   |                             |                |
| All Types of Practice          | 30          | 1          | 9       | 10       | 6          | 3                 | 1                           | _ 700          |
| General Practitioner           | 23          | 25         | 7       | 8        | 4          | 95130879          | 10-12-0                     | F 116          |
| Specialists                    | 7           | 1          | 2       | 2        | 2          |                   | l-Erant                     |                |
| Oral Surgeon                   | 9 200       | 2          |         | _        | 7.1        |                   |                             | Specia         |
| Orthodontist                   | 5           | 2          | 1       | 2        | 2          | 2- 0              | Sirger                      | Isro-          |
|                                | 1           | - 2        | 1 2     | _        | 2          |                   | وطومتاه                     | 100000         |
| Pedodontist                    | 1           | 1          | 1       |          |            |                   | dertinoù                    |                |
| Periodontist                   |             | 1          | - 1     | =        |            |                   | e i tac bo                  |                |
| Jones                          |             |            | _       |          |            | _                 |                             |                |
| All Types of Practice          | 5           | V 7        | 1       | 1        | 2          | 1                 | 3                           | VT 111         |
| General Practitioner           | 5           | 72         | 1       | 1        | 2          |                   | lo_gag                      |                |
| Specialists                    |             | Fo. 5      | -       | _        | 4 × 5 × 5  | letto <u>n</u> or |                             |                |
| Oral Surgeon                   |             | =          | _       | -        | -          |                   | - 6 <u>1</u> 611            | ALDSQL.        |
| Orthodontist                   | -           | -          | -       | -        | _          | _ 5 (0            | ue g L/M                    | TRACE _        |
| Pedodontist                    | _           |            | -       | _        | _          |                   | akin <u>o</u> bbo           |                |
| Periodontist                   |             | . h =      | -       | -        | _          |                   | iak <u>i</u> nob<br>akimbbo |                |
| Keokuk                         |             |            |         |          |            |                   |                             |                |
| All Types of Practice          | 3           | -          | -       | 1        | 1          | 1                 |                             | _ 880          |
| General Practitioner           | 3           | _          |         | 1        | 1          | nolinary          | 20 kog                      | AL TIV         |
| Specialists                    |             | _          | -1      | =        | _ 2        | Third life        |                             |                |
| Oral Surgeon                   | _           | 1 YE       | _       | _        |            | _                 | annli                       |                |
| Orthodontist                   |             | _          |         | _        | -1         |                   | Surg e                      |                |
| Pedodontist                    | 4.2         | 100        |         | =        | -          |                   | 121mpbe                     |                |
| Periodontist                   |             |            | _       | <u> </u> | -          |                   | tink turoby                 | abs f _        |

Number of Dentists by State, and County and Type of Practice, By Age of Dentists (continued)

Number of Dentists by State, and County and Type of Practice, By Age of Dentists (continued)

| County and<br>Type of Practice | A11<br>Ages          | -29            | 30-39 | 40-49      | 50-59    | 60-69   | 70+  | Not<br>State   |
|--------------------------------|----------------------|----------------|-------|------------|----------|---|--|--|
| Kossuth                        |                      |                |       |            |          |   |  |  |
| All Types of Practice          | 9                    | 100            | 2     | 1          | 51       | 1   |  | 1  |
| General Practitioner           | 9                    |                | 2     | 1          |          | 1   | 4  | 1  |
| Specialists                    | 7.14                 |                | = -   | _          |          |   | anderson en de la companya de la co<br>La companya de la co | 1.000  |
| Oral Surgeon                   |                      |                | _     | _          | _        | -   | rigininggi (2007)<br>and has t <del>er</del> en has  | ata an <del>a</del>  |
| Orthodontist                   |                      | 1.0            | _     |            |          |   |  | (  |
| Pedodontist                    |                      |                | _     |            |          | _   | an less melles   |  |
| Periodontist                   | 14. <del>1</del> . 1 |                | -     | -1         | _        |   |  | 17,571   |
| Lee                            |                      |                |       |            |          |   |  |  |
| All Types of Practice          | 18                   |                | 3     | 3          | 5        |   | 3  |  |
| General Practitioner           | 16                   |                | 3     | 3          | 4        | 4   | 2  | e i na <del>e</del> li   |
| Specialists                    | 2                    |                | _     | _          | i        | 200   | 1  | Farsan = and   |
| Oral Surgeon                   | 1                    |                | _     | _          | _        | _   | 1000   | The series and the series of t |
| Orthodontist                   | 1                    |                | _     |            | 1-       |   |  | . K.a. a   |
| Pedodontist                    | 5.5                  |                | _     | _          | _        |   | _  | 4  |
| Periodontist                   | 7-                   |                | -     |            |          |   | # 1.3 (E.C. ).   | - Project  |
| Linn                           |                      |                |       |            |          |   |  |  |
| All Types of Practice          | 74                   | 1              | 21    | 23         | 20       | 3   | 5  | 1  |
| General Practitioner           | 57                   | 1              | 16    | 18         | 14       | 2   | 5  | 1  |
| Specialists                    | 17                   |                | 5     | 5          | 6        | 1   | nan <del>a</del> id  | Language Tolk  |
| Oral Surgeon                   | 5                    | _              | 1     | 2          | 2        |   | and a second   | 2 M 2507   |
| Orthodontist                   | 8                    | _              | 2     | 3          | 2        | 1   | ya Larot   |  |
| Pedodontist                    | 3                    | _              | 1     |            | 2        |   | Hiliani<br>Hiliani   |  |
| Periodontist                   | 1                    |                | 1     | =          | _        | -   | HT 1150 DE   |  |
| Louisa                         |                      |                |       |            |          |   |  |  |
| All Types of Practice          | 1.5                  | <del>1</del> 1 |       | 1          | 3-1      | Table 1   | 354 77   | F (F-)(V-)   |
| General Practitioner           | 1 6                  | = 1            |       | 1          |          | -1  | 0.761  | al of Ti   |
| Specialists                    |                      | -              |       |            | 100      | 9 .   | oan tut.   | In-to-   |
| Oral Surgeon                   |                      | _              | -1.   |            |          |   |  | ettao=-  |
| Orthodontist                   | _                    | -              |       |            | <u></u>  | -   | Sol Brid   | mbs I =  |
| Pedodontist                    |                      | _              | _     |            | <u>-</u> |   | nd da <del>n</del> uba   | Page 1   |
| Periodontist                   |                      | _              |       |            |          | , <del>, , , , , , , , , , , , , , , , , , </del> |  |  |
| Lucas                          |                      | 1              |       |            |          |   |  |  |
| All Types of Practice          | 2                    |                | 1     | e 4        | E-1      |   | arath)   |  |
| General Practitioner           | 2                    |                | 1     | <b>=</b> 1 |          | 1   | g <del>ned</del> l   | interest   |
| Specialists                    |                      | _              |       | <u>-</u>   |          | -1 0  | Jacque HUE   | 51.10-   |
| Oral Surgeon                   | _                    |                | _     | = -        |          |   | ie k Tr <del>a</del> tone  | alonic -   |
| Orthodontist                   |                      | _              | _     | -          |          | _   | za t <del>o</del> n si   | rota¶-   |
| Pedodontist                    | _                    | _              | _     |            |          |   |  | £π./1− -   |
| Periodontist                   | _                    | -              |       |            | _        |   |  |  |

| County and Type of Practice  | A11<br>Ages | -29     | 30-39            | 40-49           | 50-59 | Not<br>60-69 70+ Stated       |
|------------------------------|-------------|---------|------------------|-----------------|-------|-------------------------------|
| Type of Fractice             | Ages        | -23     | 30-39            | 40-49           | 30-39 | 60-69 70+ Stated              |
| Lyon                         |             |         |                  |                 |       |                               |
| All Types of Practice        | 5           | 1 1-    | 91               | - 1             |       | -11 Type of Precice           |
| General Practitioner         | 5           | _       | 1                | - 1             | 1 -   | Tend21LinesT1Les.co-          |
| Specialists                  | - 1-        |         | _                |                 | _     | - packalduka -                |
| Oral Surgeon                 | -           |         | 4-               |                 |       | - noagra-2 fare -             |
| Orthodontist                 |             |         |                  |                 | _     | - Jaligostorina -             |
| Pedodontist                  |             | - J     |                  |                 |       | - Proconspilet -              |
| Periodontist                 |             | -       |                  |                 | _     | - Periodoniist -              |
| Madison                      |             |         |                  |                 |       |                               |
| All Types of Practice        | 3           | 1       | . J <del>.</del> | - 1             | 3 7-  | andidated to segri I'm        |
| General Practitioner         | 3           | 1       | 12               | - 1             | - i   | Gamera )-Pracililaner         |
| Specialists                  | _           | _       | _                |                 | _     | duecteld -                    |
| Oral Surgeon                 |             |         | <u> </u>         |                 | _     | - Oral Sun gross -            |
| Orthodontist                 |             |         | - 1              |                 | _     | - Orchodontist                |
| Pedodontist                  |             |         | _                |                 | _     | - Takroshobas -               |
| Periodontist                 |             |         | _                |                 |       | - Feriodoniat -               |
| Mahaska                      |             |         |                  |                 |       |                               |
| All Types of Practice        | - 8         |         | -4               | 3               | 1 -1  | opinglas lo sayr. Ha          |
| General Practitioner         | 8           |         | -                | - 3             | 1     | 318390-                       |
| Specialists                  | _           | _       | _                | -               |       | - aratialoge                  |
| Oral Surgeon                 |             |         | _ =              |                 | _     | - Oral Surgapa                |
| Orthodontist                 |             |         |                  | _               | _     | - Orthodox                    |
| Pedodontist                  |             | _       | _                | _               | _     | - Pedodoutist -               |
| - Periodontist -             | _           |         | _                | _               | _     | - Jakingonbusi -              |
|                              |             |         |                  |                 |       |                               |
| Marion All Types of Practice | - 10        | 2       | 2                | - 3             | € 1   | Mouroe                        |
| General Practitioner         | 10          | 2       | 2                | - 3             | 1     | 2 2 2 11                      |
| Specialists                  |             |         | _                | _               | _     | rend I kappy 2 impose         |
| Oral Surgeon                 |             | _       | _                | _               |       | Topolation                    |
| Orthodontist                 |             | _       | _                | _               |       | - Transfer American Programme |
| Pedodontist                  | _           | _       | _                | _               | _     | Z - d'a Lingdonio 22 -        |
| Periodontist                 | _           | _       | _                | // <del>-</del> |       | - Pedod <del>c</del> ajdy k   |
|                              |             |         |                  |                 |       | - Post principal -            |
| Marshall                     |             |         |                  |                 |       |                               |
| All Types of Practice        | 18          | 1       | 3                | - 5             | 7     | solun-ni to 2 yr ii-          |
| General Practitioner         | 15          | - 1     | 3                | - 3             | 6     | 1980-11 trer 12 Lanear        |
| Specialists                  | 3           | Sec. 17 |                  | 2               | - 1   | destigliers =                 |
| Oral Surgeon                 | _ 1         |         | _                |                 | - 1   | - Oral But Lond -             |
| Orthodontist                 | 2           |         | -                | 2               |       | - Orthodonidal -              |
| Pedodontist                  |             | 10° 1   | · <del></del>    | -               |       | - Pededestriat -              |
| Periodontist                 |             | _       | -                |                 |       | - Pertodynation -             |

| County and            | A11               |            |                 |                    | TEA.           | bas W Not  | County and                   | A11           |                | hear of the real |       |              | Not                        |
|-----------------------|-------------------|------------|-----------------|--------------------|----------------|--|------------------------------|---------------|----------------|------------------|-------|--------------|----------------------------|
| Type of Practice      | Ages              | -29        | 30-39           | 40-49              | 50-59          | 60-69 70+ State  | d Type of Practice           | Ages          | -29            | 30-39            | 40-49 | 50-59        | 60-69 70+ Stated           |
|                       | 11-7-4            |            |                 |                    | ART THE THEFT  |  | 1                            |               |                |                  |       |              |                            |
| Mills                 |                   |            |                 |                    |                |  | Muscatine                    |               |                |                  |       |              |                            |
| All Types of Practice | 2                 |            | 1 to            | -11                | _ 1            | Spiritual to Section 174 Mill  | All Types of Practice        | 14            | 1              | 2                | 3     | 102          | Alt Typeslof Prg.5lcs      |
| General Practitioner  | - 2               |            | 2) <del>-</del> | - 1                | 1.1            | . Tede to to be it a stelle from   | General Practitioner         | 13            | 1              | 2                | 3     | 2            | re4elrise1% (ere-e)        |
| Specialists           |                   | Company of | _               |                    |                | 사람들은 사람들은 사람들이 되었다.  | Specialists                  | _1            | - T            |                  | ÷     |              | 1 seellaroequ              |
| Oral Surgeon          |                   | 1500       |                 |                    |                | - 1 - Madania 1920 - 19  | Oral Surgeon                 | -             | F .            | -                | -     |              | - magtug fare              |
| Orthodontist          |                   | Li-1-      |                 |                    |                |  | Orthodontist                 | _1            | = = =          |                  | -     |              | 1 dakumoboddy              |
| Pedodontist           |                   | P          |                 | ·                  |                | Telegraphy Print   | Pedodontist                  |               | -              |                  |       |              | - dal <del>i</del> nobobe  |
| Periodontist          |                   |            |                 |                    |                | _ Periodontist -   | Periodontist                 | -/-           | -              | - ::             |       |              | - Jakonoholys <sup>4</sup> |
| Mitchell              |                   |            |                 |                    |                |  | O'Brien                      |               |                |                  |       |              |                            |
| All Types of Practice | - 5               |            | 9-1             | In                 | 2              | and and types of Proceeding  | All Types of Practice        | 7             | <del>-</del>   | 1 .              | 4     | 11           | Alt Typerlof Fraction      |
| General Practitioner  | 5                 |            | 1               | In-                | 2              | - Peneral-Fractito quer  | General Practitioner         | 7             | -              | 1                | 4     | 1            | Comeral Plactitioner       |
| Specialists           |                   | Desc.      |                 |                    |                | - Pecialitics -  | Specialists                  | _             | _              | - 1              | -     | 71_          | Spacialists                |
| Oral Surgeon          |                   | -          |                 | e                  | -              | L'- Oral Surgeon -   | Oral Surgeon                 |               | _              | -                | - 1   |              | - nongave isa              |
| Orthodontist          |                   |            |                 | W                  | - 9 -          | - Orthodomialut -  | Orthodontist                 |               | _              |                  |       |              | - zelsmobodské             |
| Pedodontist           | _                 | - Way -    |                 |                    |                | L = Tedodentist = 1  | Pedodontist                  | -             | _              |                  | _     |              | - redougnalst -            |
| Periodontist          | - 1.              | +          |                 | -,-                | <sub>[11</sub> | - Periodomiat -  | Periodontist                 |               | = 1            |                  |       | 1            | - islinologic              |
|                       |                   |            |                 |                    |                |  | Osceola                      |               |                |                  |       |              |                            |
| Monona                | 2                 |            | 1               | in anima           | Barra -        | established by edopt (14-  | All Types of Practice        | 2             | - 1            |                  | 1     |              | Allo                       |
| All Types of Practice | 2                 |            | 1               | an Alle            | 80.00          | Teneral I Tractitit ener   | General Practitioner         | 2             | 3 A1           |                  | ÷16   |              | Alf Types of Practice      |
| General Practitioner  | 40/2              |            |                 |                    | 254 2          | pectal-ate   | Specialists                  | C <b>£</b> 44 | 700]           |                  |       |              | Cemeral of racritebooker   |
| Specialists           |                   |            |                 |                    | _ //           | - cosymple is a contract - in the contract - in  | Oral Surgeon                 | 9 11          | 24.            |                  |       | 62           | Specialises                |
| Oral Surgeon          |                   | T.         |                 |                    | · _ # [        | - Ortho-contist - v  | Orthodontist                 | <u> </u>      | 2 -            | _ I # /          |       | ē 1          | - draf Surgeon -           |
| Orthodontist          |                   |            | 4. <b>4.</b>    |                    | - 14 E         | - Pedodentiat  | Pedodontist                  | E 1           | 3 4            | -7               |       | 24           | drrhodomiist               |
| Pedodontist           |                   | 3          | 195             |                    |                | - Parlodontiar -   | Periodontist                 | - A 3         | fill to        |                  | 14.3  | e            | - lededontlat              |
| Periodontist          | - 3, <del>-</del> |            | - <del>-</del>  | -                  |                |  | THE PART A COMPANION COLLEGE |               | - 13-7         |                  |       | 2            | - Feriodontiet -           |
| Monroe                |                   |            |                 |                    |                | moltal   | Page                         | 1.0           |                |                  |       |              |                            |
| All Types of Practice | 1 1 3             |            | 2               | <u> </u>           | - Vi H         | actiping to serve its  | All Types of Practice        | 10            | 70.            | 3                | 1 4 1 | 3            | ALT Types of Frankles      |
| General Practitioner  | 3                 | - L        | 2               | 4 -                | 07' -          | Tabus Inggas an -tag subst-  | General Practitioner         | 9             | - 5.           | 3                | L     | 3            | Gewenn Practitus           |
| Specialists           | 10 au -           | The T      |                 |                    |                |  | Specialists                  | 1             | 7.4            | - 6              |       | <i>i</i> − . | 1 _ atalialouga            |
| Oral Surgeon          |                   |            | -               | T., -              |                | I = Oral Surgania - I  | Oral Surgeon                 |               | <del>-</del> - | 2 -              | -     | 2            | - dosgina laid -           |
| Orthodontist          | _                 |            | <del>-</del>    | T                  |                | Programme Assistance of the Programme of | Orthodontist                 | 1             | 1467 -         | A                | -     | £            | 1 _ dakimokodivo           |
| Pedodontist           |                   |            |                 | -                  |                | Till L Jektor-toka? - d  | Pedodontist                  |               |                | 7 20             | -     |              | - Salvachobel .            |
| Periodontist          |                   | . = =      |                 |                    |                | - Periodoniis - Julia  | Periodontist                 |               |                |                  | -     |              | - Julinobolica             |
| Montgomery            |                   |            |                 |                    |                |  | Palo Alto                    |               |                |                  |       |              |                            |
| All Types of Practice | 7 2 6             | A -        | 3 8             |                    | 4              | selse-st to 2 vt IL-   | All Types of Practice        | 4             | 1              | 1                | 1     | -            | Alf Types of Practice      |
| General Practitioner  | 6                 | €          | 1,4             | 4                  | 4              | Tago - Elles & 2 arene - 1   | General Practitioner         | 4             | 1              | 1                | 1     | -            | remodificately Ligarones   |
| Specialists           | 1 -               | £ -        | -               | -100 <del>-1</del> | E              | - Special statistics   | Specialists                  | -             | -              | -!               | - 1   | _            | - Levellaland              |
| Oral Surgeon          | I                 | = -        | _               | + +                | 1              | High-prongraph Tarth - 1   | Oral Surgeon                 | -             | -              | - 100            | _     |              | Oral Subjects              |
| Orthodontist          |                   | 2          |                 | - To -             | 2 2            | - On the day they be a second to be  | Orthodontist                 | -7            | -              | -                | -     | _            | - Jakibolodit              |
| Pedodontist           |                   |            | _ +             | C                  | - , -          | - Tellogenous -  | Pedodontist                  | -             | -              | -                | -     |              | - Julianglobat             |
| Periodontist          | -                 | -          |                 | -                  | ·              | - Teringhalast -   | Periodontist                 | -             | -              | -                |       | -            | Feriladomidati =           |

Number of Dentists by State, and County and Type of Practice, By Age of Dentists (continued)

| County and<br>Type of Practice | All<br>Ages | -29   | 30-39               | 40-49 | 50-59        | 60-69 | Not<br>70+ Stated                    |
|--------------------------------|-------------|-------|---------------------|-------|--------------|-------|--------------------------------------|
| Plymouth                       |             |       |                     |       |              | S. 11 |                                      |
| All Types of Practice          | 10          | 4 4   | 3                   | 1     | 3            | 1 262 | I to see a land                      |
| General Practitioner           | 10          | L.    | 3                   | 1     | 3            | 1     | troig T Intemed                      |
| Specialists                    |             |       | _ ~                 |       |              | =     | 629216128464                         |
| Oral Surgeon                   | _           |       | - 100               | _     |              | _ ~   | h "Oral Sargeon                      |
| Orthodontist                   |             |       | _ ==                | _     | 1            |       | talia <u>r</u> abodat <u>a</u> 0 – j |
| Pedodontist                    |             |       |                     | _     |              | _     | nu iz nabobaj - 4                    |
| Periodontist                   |             |       | _ ~                 | -     |              |       | Perfodential                         |
| Pocahontas                     |             |       |                     |       |              |       |                                      |
| All Types of Practice          | 5           | 2     | - 34                | 1     | 3            |       | I le_esyeT_fMy                       |
| General Practitioner           | 5           | 4     | _44                 | 1     | 3            | 131   | likagétal figaciti                   |
| Specialists                    |             | -     | _ =                 | _     | _            | _     | tippoctal fairs                      |
| Oral Surgeon                   | -           | 2     | 10. <del>-</del> 7- | _     | _            |       | rongo មាន Lenge - ។                  |
| Orthodontist                   |             | -     |                     | +     | _            | _     | sell med design.                     |
| Pedodontist                    | _           |       | _                   | -     | _            | _     | indinabole5                          |
| Periodontist                   |             | -     | -                   |       | _            | - "   | "Ear Lodo <u>vi</u> tel an           |
| Po1k                           |             |       |                     |       |              |       |                                      |
| All Types of Practice          | 149         | 7     | 31                  | 45    | 41           | 13    | 12 -                                 |
| General Practitioner           | 120         | 6     | 26                  | 33    | 35           | 10    | 10 -                                 |
| Specialists                    | 29          | 1     | 5                   | 12    | 6            | 3     | 2                                    |
| Oral Surgeon                   | 6           | -     | 1                   | 2     | 1            | 2     | *Oral Strikeon                       |
| Orthodontist                   | 12          | - 11- | 1                   | 6     | 3            | 1     | ns in Impound 20.                    |
| Pedodontist                    | 9           | 1     | 2                   | 4     | 2            | _     | Ja jumoboba <u>s</u> t               |
| Periodontist                   | 2           | 1000  | 1                   | - 4   |              |       | duigue la all                        |
| Pottawattamie                  |             |       |                     |       |              |       |                                      |
| All Types of Practice          | 29          |       | 7                   | 9     | 7            | 5     | ALL Types Da B                       |
| General Practitioner           | 25          | 4.7   | 4                   | 8     | 7            | 5     | Timela (name)                        |
| Specialists                    | 4           | -     | 3                   | 1     |              |       | ar Balantarya,                       |
| Oral Surgeon                   | 2           | -     | 2                   |       |              |       |                                      |
| Orthodontist                   | 2           | -     | 1                   | 1     | -            |       | Alle and organization                |
| Pedodontist                    | _           | _     | _                   |       |              |       | Sed-mohoding -                       |
| Periodontist                   | - 1         | -     |                     |       | 75.          |       | -Periodonilet                        |
| Poweshiek                      |             |       |                     |       |              |       |                                      |
| All Types of Practice          | 7           |       | 3                   | 1     | 1            | 2     | Will Typek of P<br>Ceneral Fracti    |
| General Practitioner           | 7           | -     | 3                   | 1     | 1            | -     | ye nemal is nema<br>Special is n     |
| Specialists                    | _           | -     | -                   | 4     |              |       |                                      |
| Oral Surgeon                   | -           | _     | _                   | -     | <del>-</del> |       | Drail Strig com                      |
| Orthodontist                   | -           |       | _                   |       |              | ·     | talinologists                        |
| Pedodontist                    | 100         | -     | _                   | _     | -            | _     | _ Ledouloutlat                       |
| Periodontist                   |             |       | -                   |       | _            | _     | Werlodon list                        |

| County and            | A11            |              |                  |                  | LIA          | dity and                      | Not          |
|-----------------------|----------------|--------------|------------------|------------------|--------------|-------------------------------|--------------|
| Type of Practice      | Ages           | -29          | 30-39            | 40-49            | 50-59        |                               | State        |
| Ringgold              |                |              |                  |                  |              | Α.                            | rouf?        |
| All Types of Practice | 2 2 2          | à            | 2.8              | 45 _*            | E.J. 1       | I lyges of Treeries           | EA_          |
| General Practitioner  | 2              | č            | 26_              | · 4              | 011 T        | enstal Fract; Elones          | W_           |
| Specialists           | _              | _            |                  |                  | ξ = <u>-</u> | #Jaklukom                     | 12           |
| Oral Surgeon          | - 4 -          |              | -                |                  | _            | _magmid_i_i_i_0-              | _            |
| Orthodontist          | ~ 2 _          | 1 - <u>-</u> | 58_              | 4 _              | £ - <u>-</u> | _astracpeqare                 | _            |
| Pedodontist           |                | -            | _                | _                | _            | - Islandecesia                | _            |
| Periodontist          | ·              | _            | -                | _                | -            | dayaneb <u>e</u> tra f        |              |
| Sac                   |                |              |                  |                  |              |                               |              |
| All Types of Practice | . 5            | . J          | 1                |                  | 1            | political to entry II         | À            |
| General Practitioner  | 5              | J            | 1                |                  | 1            | saublitions tissue            | (2)          |
| Specialists           | 190            | _            | _                |                  | di           | 20 -ta 16.1. d-9.0            | W_           |
| Oral Surgeon          | _              | _            |                  | -                | 7 .          | สตรฐานชั่วไหรไ                | _            |
| Orthodontist          |                | _            |                  | _                | Z            | - Dreh <u>o</u> dentiar       | _            |
| Pedodontist           |                |              | (Agree) in       |                  | Marin ages   | - Tslindorad.                 | _            |
| Periodontist          |                | _            |                  |                  | , T          | Pertodentist                  | _            |
| Scott                 |                |              |                  |                  |              |                               |              |
| All Types of Practice | 55             | - 1          | 17               | 16               | 12           | 5 30 47 11                    | -à_          |
| General Practitioner  | 44             | 1            | 12               | 11               | 11           | rendits his are 4 areas       | 6.) <u>.</u> |
| Specialists           | 11             | -            | 5                | 5                | 1            | pecialists _                  | ·8_          |
| Oral Surgeon          | 3              | · ·          | 2                |                  | 1            | . Transland Trans.            | _            |
| Orthodontist          | 4              | _            | 2                | 2                | _            | Or phode at the s             | _            |
| Pedodontist           | 3              | _            | and the same of  | 3                | _            | nachar obseks; i              | _            |
| Periodontist          | 1              | -            | 1                | . Tentury        | _            | Parthylondist                 | _            |
| Shelby                |                |              |                  |                  |              |                               |              |
| All Types of Practice | 4              | ļ <u>-</u> - | 1                | 2                | 1            | motivery in medit it          | 1            |
| General Practitioner  | 4              | T            | 1                | 2                | 1            | eneral Practitioner           | 0_           |
| Specialists           | _              | -            | - 1 <del>4</del> | _                | -            | _ armidaloso                  | 32 <u>.</u>  |
| Oral Surgeon          | _              |              | -                | _                | _            | _ novid_ng_ tent.             | _            |
| Orthodontist          |                | 200 phil     |                  | _                | _            | 7%Lingbods10                  | _            |
| Pedodontist           | _              |              |                  | -                | _            | Padidontial                   | _            |
| Periodontist          | _              | _            |                  | _                | _            | - Feriodonitet                | _            |
| Sioux                 |                |              |                  |                  |              |                               |              |
| All Types of Practice |                | 1            | 3                | 3                | A 4 -        | 37 10 43 7 11                 | / <u>L</u>   |
| General Practitioner  | 13             | -1           | 3                | 3                | ·            | Laudy Transa Trans            | ( <u>)</u>   |
| Specialists           | - 4-           | _            |                  | · · · · <u>-</u> |              | utedlaling                    | 1            |
| Oral Surgeon          | - 1 <u>-</u> , | -            | _                | _                | -            | Cral_Swrance                  | _            |
| Orthodontist          |                |              | _                | · ·              | -            | _ arkanehodani                | _            |
| Pedodontist           |                | -            | -                |                  | _            | - Pedodugtiyt<br>Petlodostket | -            |
|                       |                |              |                  |                  |              |                               |              |

|                             |             |                |             |  |                  |  |               |                                |             |                     |          |             | and the same of th |          |                           |                   |
|-----------------------------|-------------|----------------|-------------|--|------------------|--|---------------|--------------------------------|-------------|---------------------|----------|-------------|--|----------|---------------------------|-------------------|
| County and Type of Practice | All<br>Ages | -29            | 30-39       | 40-49  | 50-59            | 60-69 70+  | Not<br>Stated | County and<br>Type of Practice | All<br>Ages | -29                 | 30-39    | 40-49       | 50-59  | 60-69    | 70+                       | Not<br>Stated     |
| PleStory                    |             |                |             |  |                  | 6.1-   | ggnli         | Wapello                        |             |                     |          |             |  |          | -0 3                      | Winnerse          |
| All Types of Practice       | · 19        | * -1           | 3           | 6  | 5                | 3 1  | 2 (**         | All Types of Practice          | 12          | <u>. 14</u> £.      | 4        | 5           | 5  | 1        |                           | 3.00 3.00         |
| General Practitioner        | 16          | -1             | 2           | 5  | 5                | 2 1  | 110           | General Practitioner           | 8           | 49                  | 2        | 4           | 725  | 1        | LIST.                     | TE 150 S          |
| Specialists                 | 3           |                | -1          | - 1  | 4 -              | 1  | -             | Specialists                    | 4           |                     | 2 3 8    | 1           | 100  | _ s 2    | 1                         | Transide          |
| Oral Surgeon                |             |                | _           | _  | _                | to Theorem in the State of the  |               | Oral Surgeon                   | 2           |                     | 1        | 3.7         | 21.0   | _ 2      | rosaria:                  | 2010              |
| Orthodontist                | 3           |                | _1          | - 1  | _                | nongroup 1 vi  |               | Orthodontist                   | 2           | _7                  | 120      | 177         | 23.4   | _ 2      | 235 4105                  | balantu .         |
| Pedodontist                 | - **        |                |             |  |                  |  |               | Pedodontist                    | -120        | _27,                | <u> </u> | <u>-</u> -4 | _  | _ 2      | 2,84,0110                 | DODEL             |
| Periodontist                |             | _              | -           |  | -                | aconominac   |               | Periodontist                   | T 7         |                     |          |             | _  | _        | rer andr                  | 6.1394            |
| reriodontist                |             |                |             |  |                  |  |               | reriodoncisc                   |             |                     |          |             |  |          |                           |                   |
| Tama                        |             |                |             |  |                  |  |               | Warren                         |             |                     |          |             |  |          |                           | avil ala          |
| All Types of Practice       | 2 4         |                | 2           | 1  | 3 3 <del>-</del> | TVERS OF PLANTER   | 114-11        | All Types of Practice          | 5           | _                   | 1        | 3           | - 7  | 1        | e i a ma <del>ta</del> d' | Land Took         |
| General Practitioner        | 3           | -              | 2           | _ 11   | j .,=            | refellitate I ther   | - Tuesday     | General Practitioner           | 5           |                     | 1        | 3           | 2 h  | 1        |                           | La t-Ton2         |
| Specialists                 | 1           |                | (C)         | _ = -  |                  | 1  |               | Specialists                    | . 4_ 3      | -                   | - *      | _           | 9  | _        | mner Trus                 | Lecti             |
| Oral Surgeon                | _           | 1              | Training to |  |                  | - Tenanting For  |               | Oral Surgeon                   |             |                     | _        | _           |  | -        | 205 1 2 Tarest            | Add to Th         |
| Orthodontist                | 1           |                |             | 4  |                  | -1 rall motherd re   | : 1 is        | Orthodontist                   | 100         | -                   |          | _           | <u>+</u> 1   |          | the Force                 | Sudden V          |
| Pedodontist                 | _           |                |             | 100 mag  |                  | w = wastemake  | III           | Pedodontist                    | _           | _                   | -        | _           | _  |          | dehime                    | 50 275 I          |
| Periodontist                |             |                | - 1         | -  | , <del></del> .  | - ielinobūta-  | 9 111         | Periodontist                   | _           | _                   | _ =      | -           |  |          | 10771007                  | 01.193            |
| Pol Taylor .                |             |                |             |  |                  |  |               | Washington                     |             |                     |          |             |  |          |                           |                   |
| All Types of Practice       | e 2         |                | 3.3-1       |  |                  | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |               | All Types of Practice          | 7           | 91                  | 4        |             | 1  | 2        |                           | dAn Tilv          |
| General Practitioner        | 2           | 0.2            | 1           | <u></u>  |                  | The state of the s | 777 - 2111    | General Practitioner           | 7           | _0                  | 4        |             | 7  | 2        | Traceri                   | Number 5.1        |
| Specialists                 |             | 44             |             |  |                  | 7 (1991)  | 311.40        | Specialists                    | <u>2</u> ~  | 20                  | 3 - 2    | _           | 0.1.   | <u> </u> | 9381                      | TW19564           |
|                             | * F.W.L.    |                | _           |  |                  |  | onda "In      | Oral Surgeon                   | <u> </u>    | _6                  |          | _           | <u>ε</u> .   |          | nongrund                  | 7830              |
| Oral Surgeon                | 4.22        |                |             |  |                  | A MANAGEMENT AS  |               | Orthodontist                   |             |                     | _ = J.   |             | <u> </u>   |          | retrings                  | equinity          |
| Orthodontist                |             | 14.10          |             |  |                  |  |               | Pedodontist                    | <u> </u>    | <u>.</u> £.         | 1        | _           | <u> </u>   | _ ~      | 381300                    | bobe 4            |
| Pedodontist                 |             | 1400           |             |  |                  | 3 9 7 3 40 90 00   |               | Periodontist                   | _           |                     | i        |             | <u> </u>   |          | terrainde                 | a.l.151           |
| Periodontist                |             |                |             |  |                  | - nationalizati  | ,g            | Periodontist                   |             |                     |          |             |  |          |                           |                   |
| Union White                 |             |                |             |  |                  |  |               | Wayne                          |             |                     |          |             |  |          |                           |                   |
| All Types of Practice       | e 4         | g = 1          |             | 1  | 2                | Types of Praerice  | LDT IN        | All Types of Practice          | 2           | -                   | 1        | - 9         | 1  | ramp t   | though                    | (atheres)         |
| General Practitioner        | 154         | -1             |             | 1  | 7 2              | races Tares 1 Tare   | niso la la    | General Practitioner           | 2           | _                   | 1        | - L         | 1  | _        | Etal                      | Fall Semi-        |
| Specialists                 | 2 4-        |                |             |  |                  | au ATTAIr  | sette The     | Specialists                    |             | -                   | - 7      | -           | -  |          | nan Turk                  | LasiD             |
| Oral Surgeon                | 2=          |                |             |  | _                | al Surgeon   | 10 1          | Oral Surgeon                   |             |                     | - 7      | _           | =  | -        | a de la franch            | nd 170            |
| Orthodontist                | 2-          | ·              | 1.          | - 44   |                  | - sekandboda   | ro 710        | Orthodontist                   | - B.T.      |                     |          |             | _  | -        | taliton                   | habasi            |
| Pedodontist                 |             | -              | 145         |  |                  | de kanobobs  | - Will        | Pedodontist                    | A PERMIT    |                     |          |             | _  |          | n a kalima k              | o Francis         |
| Periodontist                |             |                |             | The state of the s | , ···            | - animarofoin  | 997- 446      | Periodontist                   | 12 *        | - J <del>^</del> 34 |          |             |  | -        |                           |                   |
| Van Buren                   |             |                |             |  |                  |  |               | Webster                        |             |                     |          |             |  |          |                           |                   |
| All Types of Practic        | e 72        | , <del>-</del> | 9,-         | - 12   | 111              | estroletis to selver   | in-           | All Types of Practice          | 22          | 2                   | 4        | 4           | 7  | 4        | 1                         | Townson D         |
| General Practitioner        |             | Ų              | 10          | 71-  | 1111             | 1  | Sec. 55.      | General Practitioner           | 18          | 2                   | 3        | 3           | 6  | 3        | 1                         | Facilities in the |
| Specialists                 |             | ·              | -           | 5  |                  | 4.677.61   | 100           | Specialists                    | 4           | -                   | 1        | 1           | 1  | 1        | 8347                      | TREE              |
| Oral Surgeon                |             | -              |             |  | _                | al Surgeon   | - 1           | Oral Surgeon                   | 1           | _                   | _ =      | _           | 1  |          | moe Sing                  | 2 8370 -          |
| Orthodontist                |             |                |             |  | _                | Hotelston Th   | -             | Orthodontist                   | 3           | -                   | 1        | 1           | _  | 1        | 1811100                   | ORTHU.            |
| Pedodontist                 | -           |                | -           | _  | _                | 741 STOROLL  | - 1           | Pedodontist                    | -           | -                   |          | _           |  |          | 197100                    | pops I_           |
| Periodontist                |             | _              | _           |  | _                | 3 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |               | Periodontist                   | -           | _                   | _        | -           | 2 "  | _        | 3812 1000                 | OLIBAT.           |
| TELIOUOILLIST               |             |                |             |  |                  |  |               | TOT TOUGHT TOE                 |             |                     |          |             |  |          |                           |                   |

Number of Dentists by State, and County and Type of Practice, By Age of Dentists (continued)

| County and   | A11      |        |            |           |   |              |  | Not                  |
|--|----------|--------|------------|-----------|---|--------------|--|----------------------|
| Type of Practice   | Ages     | -29    | 30-39      | 40-49     | 50-59                                   | 60-69        | 70+  | Stated               |
|  |          |        |            |           |   |              | , plus and   |                      |
| Winnebago  |          |        |            |           |   |              |  |                      |
| All Types of Practice  | 9        | 7.5    | 4          | 3<br>3    | ₹1.5                                    | 1            | 1 1  | The A                |
| General Practitioner   | 9        |        | 4          | 3         | - 2                                     | 1            | 1  | The state of         |
| Specialists  | -        | - 50   | - 11       | -         | -                                       | 1.000        | 2 2 20 2 5 1<br>2 20 2 1   | a brandi             |
| Oral Surgeon   | - 1      | -      | - 17       | -         | <del>-</del>                            | - 1          |  | East 1               |
| Orthodontist   | - E40    | -      | - 1        | -         | -                                       |              | ntegral  |                      |
| Pedodontist  | -        | -      |            | -         | _                                       | _            | ndentskij.<br>Louis Ist  |                      |
| Periodontist   | 2        |        |            | -         | _                                       | - ,          | dencist  | _                    |
| Winneshiek   |          |        |            |           |   |              |  |                      |
| All Types of Practice  | 9        |        | 1          | 4         | 1                                       | . 1 .        | 2  | DOTTES               |
| General Practitioner   | 8        |        | 1          | 4         | <u></u>                                 | 90. F867     | 2  | prT_LLA              |
| Specialists  | 1        |        | 2 44       | _         | 1                                       | r rouge      | Tragal -   | signs) 1             |
| Oral Surgeon   | 10.0     |        | , Table    | _         | = -                                     | _ * ,        | 87821  | - Horauta            |
| Orthodontist   | 1        |        |            |           | 1                                       | _            | Str grou   | Lax0"                |
| Pedodontist  | 1        |        | 4 <u>1</u> | -         | ===                                     | _ 1          | don <u>fils</u> t  | eft TO               |
| Periodontist   |          | _      | 44         |           |   |              | destruction of the   | to be 3              |
| The Manager of the State of the |          |        |            |           |   |              |  |                      |
| Woodbury   |          |        |            | 10        | 1.0                                     |              | an arc   | a egintesii          |
| All Types of Practice  | 48       | 2      | 7          | 10        | 12                                      | 6            | 10   | reT <sup>1</sup> llA |
| General Practitioner   | 38       | 2      | 4          | 6         | 10                                      | 6            | 10   | erena?               |
| Specialists  | 10       |        | 3          | 4         | 2                                       | <del>-</del> | in the L   | l<br>Swecia          |
| Oral Surgeon   | 3        |        | T          | 1         | 2                                       |              | Streetn  | 1a30"                |
| Orthodontist   | 3        | -      | 1          | 1         |   | _            | the Edin Bio   | 1                    |
| Pedodontist  | 3        | 1      | 1          | 2         | <del>-</del>                            | - ,          | ta Fattol  | on bes 9             |
| Periodontist   | 1        | -      | 1          |           | = -                                     | -            | ralizate be  | lioi                 |
| Worth  |          |        |            |           | Ä                                       |              |  |                      |
| All Types of Practice  | 3        |        | 1          | No En     | 1 "                                     | -            | 1  | - 2017/014           |
| General Practitioner   | 3        | -      | 1          |           | 1                                       | 9071981      | 11   | SGE_TIN              |
| Specialists  | 7 4      | -      |            | A C Teach | -                                       | 398033       | MOUNT  | 147.0484             |
| Oral Surgeon   | _        | -      | <u> </u>   | -         | _                                       | _            | 54311  | rardad:              |
| Orthodontist   | _        | -      |            | _         | _                                       | _            | mosy iit<br>istoroka   | Tein                 |
| Pedodontist  | _        | _      | 2          | _         | _                                       |              | iel <u>i</u> mbbe  | talitiz O"           |
| Periodontist   | = 7      | -      |            | -         | = =                                     | -            | indriet.   | Padar<br>Pacti       |
| Wright   |          |        |            |           |   |              |  |                      |
| All Types of Practice  | 7        | _      | 3          | 1         | 2                                       |              | 1  | 1-11869              |
| General Practitioner   | 7        | ph.    | 3<br>3     | 1         | 2                                       | racellos     | 9 10 bos   | ALL Tyr              |
| Specialists  | 7 7 2    | E line | 2 - 2      | 1         | 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Light L      | Tilleon<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>Linear<br>L | Cenera               |
| Oral Surgeon   | 7 .      |        | I          | _         | by an                                   |              | ara.bi   | Kpsq1.               |
| Orthodontist   | <u>T</u> |        |            |           | I ~                                     | _            | Sergeon  | 1.670                |
| Pedodontist  | = -      | _1.    | }:         |           | E                                       | _            |  |                      |
| Periodontist   | <u>-</u> |        |            | 427       |   | 777          | d wild mod   | -Peday               |
| reliodolltist  | -        | -      |            |           | - <del>-</del> -                        |              | domilist   | ATTEN-               |

Table 5: Number of Dentists by State, Region and County, and Type of Practice
By Age of Dentists

| County and             | A11                      |                  |          |       |              | Not                          |
|------------------------|--------------------------|------------------|----------|-------|--------------|------------------------------|
| Type of Practice       | Ages                     | -29              | 30-39    | 40-49 | 50-59        | 60-69 70+ Stated             |
| with labor             | (001,010,101,010,101,010 |                  |          |       |              |                              |
| STATE WERE OF Fraction |                          |                  |          |       |              |                              |
| All Types of Practice  | 1,108                    | 43               | 254      | 284   | 259          | 139 120 9                    |
| General Practitioner   | 970                      | 41               | 216      | 237   | 225          | 127 116 8                    |
| Specialists            | 138                      | 2                | 38       | 47    | 34           | 12 4 1                       |
| Oral Surgeon           | 33                       |                  | 9        | 7     | 13           |                              |
| Orthodontist           | 72                       | _                | 20       | 25    | 16           |                              |
| Pedodontist            | 26                       | 1                | 5        | 14    |              | 9 salskaladsal 1             |
| Periodontist           | 7                        | 1                | 4        |       | 5            | 1 secondibles -              |
| reriodoneise           | , <i>I</i>               |                  | 4        | 1     | _            | - Periologist -              |
| Region 1               |                          |                  |          |       |              |                              |
| All Types of Practice  | 27                       |                  |          | 1     | 1, 1         | Winnesdriver                 |
| General Practitioner   | 37                       | 2                | 6        | 9     | 71.7         | til Typ8alof Frechice        |
|                        | 36                       | 2                | 6        | 9     | 6            | Tancon 18 Mach 5             |
| Specialists            | <u> </u>                 |                  |          |       | 1            | Tpeckelists = -              |
| Oral Surgeon           |                          | 2 -              |          | _     | and the same | Draggeon                     |
| Orthodontist           | 1 - 1                    | -                | ~ .= %   | 300   | 1            | - Telusobodizo-              |
| Pedodontist            | _                        | E -              |          |       |              | zaktazbobal-                 |
| Periodontist           | -                        |                  |          |       |              | - Pariofouties -             |
| A BOAR II              |                          |                  |          |       |              |                              |
| Allamakee              |                          |                  |          |       |              |                              |
| All Types of Practice  | 8                        | 2                | 8 61     | _     | S 5 . 1      |                              |
| General Practitioner   | 8                        | 2                | - ' (7)  | - 2   | (A) 1        | 2 3 -                        |
| Specialists            | E -                      | _                |          |       |              | - T and Island               |
| Oral Surgeon           | ~ -                      | -                | -        | _     | -            | - Targarata fara-            |
| Orthodontist           | r                        | , r <del>-</del> | - 4      |       |              | To a school back of          |
| Pedodontist            |                          | _                |          | _     | ř            | - maleton holes -            |
| Periodontist           | _                        | -                | =        |       | _            | - Periodoktast               |
|                        |                          |                  |          |       |              |                              |
| Clayton                |                          |                  |          |       |              |                              |
| All Types of Practice  | 6                        | 100              | 1        | 1     | 2            | as I 2 to Troy I.H.          |
| General Practitioner   | 6                        |                  | 1        | 1     | 2            | 201 Jan Ting and             |
| Specialists            | -                        | 24               | <u> </u> | 1 1 1 | 65           | ARREST AT STANTAL THE ARREST |
| Oral Surgeon           | - 20 <u>4</u> 0.         |                  |          |       | _            | A PRINCIPAL PROPERTY.        |
| Orthodontist           |                          |                  |          |       | -            | Boughts Isto                 |
| Pedodontist            |                          |                  |          |       | 200          | - Taliprofording             |
| Periodontist           | 194                      |                  |          | -     |              | - Pedodontiet -              |
| telephika gra          |                          |                  |          |       | *            |                              |
| Fayette                | -9                       |                  |          |       |              |                              |
| All Types of Practice  | 9                        | 4                | 3        | 2     | 3            | additions of Practica        |
| General Practitioner   | 9                        | -1-              | 3        | 2     | 3            | General Practitioner         |
| Specialists            |                          | 4.7              | A. 1     |       | -            | - Testilalosy                |
| Oral Surgeon           |                          | 100              |          |       |              | Pral Bargeon                 |
| Orthodontist           |                          |                  |          | -     | _            | to block of the              |
| Pedodontist            |                          |                  | _        | _     | _            | - The service of the         |
| Periodontist           | _                        | -                |          | _     | _ •          |                              |

Number of Dentists by State, Region and County, and Type of Practice, By Age of Dentists (continued)

| County and Type of Practice | All<br>Ages | -29            | 30-39              | 40-49   | 50-59        | (0. (0              | ad Edger                | Not            |
|-----------------------------|-------------|----------------|--------------------|---------|--------------|---------------------|-------------------------|----------------|
| Type of fractice            | nges        | -23            | 30-39              | 40-49   | 50-59        | 60-69               | 70+                     | State          |
| Howard                      |             |                |                    |         |              |                     |                         |                |
| All Types of Practice       | 5           | 485            | 1                  | 2       | - 501L       | Pragit de           | 2                       | TAME           |
| General Practitioner        | 5           | 7237           | ī                  | 2       | 076          | Pragitor<br>Litemen | 2                       | Texall         |
| Specialists                 | SAE SELLE   | 177            |                    | 2       | BE1 _ 138    |                     |                         |                |
| Oral Surgeon                | 13          | 7-             | €                  | 12 _1.5 | £\$ +        |                     | I Şurge                 | and i_i        |
| Orthodontist                | ar _        | 2.5            | 200                | 10 _ 1  | 11.          |                     | rango hori              | 370            |
| Pedodontist                 |             | 14             | - 1                |         | 35           |                     | stanto                  | bo's           |
| Periodontist                |             | 1 _            | 4-38               |         |              |                     | (L)mobol                | rat _          |
| Winneshiek                  |             |                |                    |         |              | Partice<br>Lili der |                         |                |
| All Types of Practice       | 9           |                | 1                  | 4       | 1 137        | Practice            | 2                       | 1 TTV          |
| General Practitioner        | 8           | 6-             | ī                  | 4       | 36           | dening to the       | 2                       | 19093          |
| Specialists                 | 1           | _              | 4                  | 550     | F. + 1       |                     | ajails                  | Speci          |
| Oral Surgeon                |             |                |                    | 25.     | - 7 -        | - no                | -                       | _              |
| Orthodontist                | 1           |                | 117 _              | 190     | 1 1          | 38                  | nodonti                 | 110            |
| Pedodontist                 |             |                | M                  | 76.     | <u> </u>     |                     | tellingbo               | bell _         |
| Periodontist                |             | 100            | - 1 <del>-</del> 1 | 77-     | + - <u>.</u> | - 4                 | ideobci                 | 294 -          |
| Region 2                    |             |                |                    |         |              |                     |                         |                |
| All Types of Practice       | 72          | 2              | 19                 | 12      | 16           | 12                  | 9                       | 2              |
| General Practitioner        | 64          | 2              | 17                 | 10      | 13           | 11                  | 9                       | 2              |
| Specialists                 | 8           | 7 -            | 2                  | 2       | 3            | •1                  |                         | Toads          |
| Oral Surgeon                | 2           |                |                    | - New I | 2            |                     | -                       |                |
| Orthodontist                | 5           |                | 2                  | 1       | 1            |                     | rtampon                 | _              |
| Pedodontist                 | 1           | - A            | 100                | 1       |              | _                   | lal/anobo               | _              |
| Periodontist                |             | -              |                    |         |              |                     | Lodonti.                | Ist -          |
| Cerro Gordo                 |             |                |                    |         |              |                     | 3.8                     |                |
| All Types of Practice       | 28          | _              | 8                  | 7       | 7            | 4                   | and Judge               | 1              |
| General Practitioner        | 20          | 4, _           | 6                  | 5       | 4            | 3                   | 1                       | 1              |
| Specialists                 | 8           | _              | 2                  | 2       | 3            | 1                   | 461 H.C.L.S             | rosde"         |
| Oral Surgeon                | 2           |                | · ·                | -       | 2            |                     |                         | 830 ·          |
| Orthodontist                | 5           | 98. <u> </u>   | 2                  | I       | 1            | 1                   | interior                |                |
| Pedodontist                 | 1           | W              |                    | 1       |              |                     | dekinabe<br>Lodoni'i    |                |
| Periodontist                |             | . 15 -         | 1                  | 45)     |              |                     | it monor                | <del>-</del> ( |
| Floyd                       |             |                |                    |         |              |                     |                         |                |
| All Types of Practice       | 8           | × 1            | 3                  | \$7°#3  | 3            | -                   | To say                  | Wanted T       |
| General Practitioner        | 8           | 1              | 3                  | -       | 3            |                     | 1                       | Francisco Com  |
| Specialists                 | 7.0         | 40.0           |                    | 774     |              |                     | i Mirs of               |                |
| Oral Surgeon                | 🖘 🚅 1       | # <u>-</u>     |                    |         |              |                     | nodvat f.               |                |
| Orthodontist                | _           | , 1º =         |                    | -       |              |                     | ia kandoon              |                |
| Pedodontist                 |             | . ii. <u>.</u> | <u> </u>           | 100     |              |                     | Lou <del>l</del> nak tr |                |
| Periodontist                |             |                |                    |         |              |                     |                         |                |

| County and            | A11      |   | And the second                         |             |  |                                       |                | Not               |
|-----------------------|----------|---|--|-------------|--|---------------------------------------|----------------|-------------------|
| Type of Practice      | Ages     | -29                                     | 30-39                                  | 40-49       | 50-59  | 60-69                                 | 70+            | Stated            |
| Franklin              |          |   |  |             |  |                                       |                |                   |
| All Types of Practice | 5        | 1 -                                     | _                                      | _           |  |                                       |                |                   |
| General Practitioner  | 5        | 1                                       | _ 30                                   | 7-3         | 2  | 50 <sup>2</sup> 1081                  | i le as        |                   |
| Specialists           | <u> </u> | -                                       |  | 3           | 2  | 2ngl:                                 | Lubery.        | larsael           |
| Oral Surgeon          |          | 2                                       | 207                                    |             | Held 10  |                                       |                | Istona?           |
| Orthodontist          | 100      | W 1                                     |  |             |  | 751 9                                 | TOP BANK       |                   |
| Pedodontist           |          |   | - 101                                  |             | . A -  | · · · · · · · · · · · · · · · · · · · | tell met       |                   |
| Periodontist          |          |   | AAC.                                   | 100         | 1 20   | -                                     |                | bobs 7            |
| Teaming and           | -        |   | () P                                   |             | W. F.  | , , ,,,,                              | 1912 net       | etis <del>i</del> |
| Hancock               |          |   |  |             |  |                                       |                |                   |
| All Types of Practice | 5        | _                                       |  | 1           | 1  | 2                                     | - 4            |                   |
| General Practitioner  | 5<br>5   | IX                                      | 41                                     | 1 21        | 4  | 2                                     | r4 1 40        | ALL ATV           |
| Specialists           | 100      | 12                                      | 7.6                                    | £1          | -60  | 2 001                                 | under I        |                   |
| Oral Surgeon          | 32       | -100                                    | _ ±                                    |             | 1  | 7                                     |                | Spicotel          |
| Orthodontist          |          | 200                                     |  | September 1 | -  |                                       | nongribi       |                   |
| Pedodontist           | 200      |   | 4 4 -                                  | 3,500       |  |                                       | igazapi        |                   |
| Periodontist          |          | 7 - 1                                   | 716                                    |             |  | - 1-74 -                              | J) EX chick    |                   |
|                       |          | with,                                   | dia "                                  | _           | -  | -                                     | JaJ Inol       | iotzali-          |
| Kossuth               |          |   |  |             |  |                                       |                |                   |
| All Types of Practice | 9        | _                                       | 2                                      | 1           | 3.723  | 1                                     |                | adely a           |
| General Practitioner  | 9        | _£~.                                    | 2                                      | 1           |  | 8111987                               | 9 4            | MARIE Type        |
| Specialists           | 2. 7     | _8                                      | - <u>-</u>                             | <u></u>     | 01:1   | fanek:                                | Little 15      | Large             |
| Oral Surgeon          | = 1      |   |  |             | : 1 <u>- E</u>   |                                       | * Ed 8.        | Latony            |
| Orthodontist          | =1 2     | 1.0                                     |  |             |  | - 12                                  | no egitui      | Taxo-             |
| Pedodontist           |          | 11 m                                    | _                                      | _           |  | <u> </u>                              | 281700         | and Till -        |
| Periodontist          | _        | 1200                                    | 1 2 10                                 |             | 8,-1   |                                       | del.im         | batal.            |
| TELLOGORELSE          |          |   |  |             | - File."   | -                                     | zo-Line!       | lo by 51-         |
| Mitchell              |          |   |  |             |  | #180 E.                               |                |                   |
| All Types of Practice | 5        | _                                       | 1                                      | _           | 2  | 2                                     |                |                   |
| General Practitioner  | 5        | 200                                     | 1                                      |             | 2  | 2                                     | r9: 20 gr      | HIYE DEA          |
| Specialists           |          |   |  |             | - 4 <u>0</u> 0-  | Teach in                              | Liter til      | Late (med)        |
| Oral Surgeon          |          |   |  |             |  |                                       | ets.           | Lardsel           |
| Orthodontist          |          |   |  |             |  | 33.                                   | apagawi        | Laro-             |
| Pedodontist           |          |   | 18.5                                   |             | - 2 -  |                                       | 30Tano         |                   |
| Periodontist          |          | 1 i i i i i i i i i i i i i i i i i i i |  |             | The state of the s | . : 🖅 –                               | 2017m          | ibobii I          |
| li mahasa             |          |   |  |             |  |                                       |                |                   |
| linnebago             | 1        |   |  | 19.00       |  |                                       |                |                   |
| All Types of Practice | 9        |   | 4                                      | 3           | <del>-</del>   | 1,                                    | 1 1            | A 2.1 Property    |
| General Practitioner  | 9        | 3.5                                     | 4                                      | 3           | - <del>- 1</del>   | 1                                     |                | Berlin and        |
| Specialists           |          |   | 1 1 to 1 | <u>-</u>    | -  | -                                     | and the second | Lalvaga           |
| Oral Surgeon          | 0.40.00  |   |  |             | +  | -, , ,                                | med a soil     | ' Lawre           |
| Orthodontist          | -        | -                                       |  |             |  | -                                     | A P. A. SAN T  | wind a Wall       |
| Pedodontist           |          |   | <del></del>                            | -           |  | -                                     | - 10 A A A     | dial-TV           |
| Periodontist          | _        | _                                       | -                                      |             | _  | _                                     | -              | A THE             |

Number of Dentists by State, Region and County, and Type of Practice, by Age of Dentists (continued)

| County and Type of Practice | A11<br>Ages      | <b>₹</b> 29    | 30-39          | 40-49          | 50-59      | 60-69    | 70+  | Not<br>State         |
|-----------------------------|------------------|----------------|----------------|----------------|------------|----------|--|----------------------|
| Worth ·                     |                  |                |                |                |            |          |  |                      |
| All Types of Practice       | 3                | , <del>-</del> | 1              |                | 1          | 7 Aug 1  | 1 - 1 - 9  | Ton-rul              |
| General Practitioner        | 3                |                | 1              |                | 1          | 2.16500  |  | list <del>s</del> oc |
| Specialists                 | -5               | _              |                |                |            | _        | -ROBETH  | 7 I <del>-</del> h   |
| Oral Surgeon                |                  |                |                |                |            |          | The street of th | Secondary -          |
| Orthodontist                | -                |                |                |                |            |          | 38 2 30  | obabel               |
| Pedodontist                 | -                |                |                | -1             |            |          |  | hala <del>-</del> T  |
| Periodontist                | . <del>T</del> i |                |                |                |            | <u> </u> | man age of   | -                    |
| Region 3                    |                  |                |                |                |            |          |  |                      |
| All Types of Practice       | 66               | 3              | 15             | 21             | 11         | 9        | 7  | and an even          |
| General Practitioner        | 63               | 3              | 14             | 21             | 9          | 9        | 7  | 1.4-1704.3           |
| Specialists                 | 3                |                | 1              |                | 2          |          |  | TEST DES             |
| Oral Surgeon                |                  | _              | · · · · · · ·  |                |            |          | nongita  |                      |
| Orthodontist                | 3                |                | 1              |                | 2          |          | an ingo  |                      |
| Pedodontist                 |                  |                | . # <u>-</u> - | 750            | _          |          |  | Pot-stor             |
| Periodontist                | _                | _              |                |                |            |          | asigno   | 1901.12.1            |
| Buena Vista                 |                  |                |                |                |            |          |  |                      |
| All Types of Practice       | 10               |                | 4              | 3              | 2          | 802330   |  | edail II             |
| General Practitioner        | 10               |                | 4              | 3              | 2          | 1000     |  | 187300               |
| Specialists                 | 10               |                | - 1 <u>1</u>   | _              | Ĺ          | <u></u>  |  | THE M                |
| Oral Surgeon                |                  |                |                | _2             |            | - 2      | INO LET  | S TOAM               |
| Orthodontist                |                  |                |                |                | 2          |          | John Time  | BOR 3 74             |
| Pedodontist                 |                  |                |                | _2             | <u>"</u> " | V        |  | rubota (             |
| Periodontist                |                  | -              |                |                |            |          | A = 1. Truc  | Jertode              |
| Clay                        |                  |                |                |                |            |          |  |                      |
| All Types of Practice       | 10               |                | 4              | 2              | 4          |          |  | magazi sa            |
| General Practitioner        | 8                |                | 3              | 2              | 3          |          |  |                      |
| Specialists                 | 2                | 100            | 1              | _              | 1          |          | 71   |                      |
| Oral Surgeon                | _                | 100            | . 2            |                |            |          | annicadi by  | of automotive        |
| Orthodontist                |                  |                | 1              |                | 1          |          | U APA TORNA  | in the day           |
| Pedodontist                 | 2                |                | <u> </u>       |                |            |          |  | mhula.               |
| Periodontist                | - 2              |                |                | P. 20.         |            |          | 247.500  | TOTAL MAN            |
| ickinson                    |                  |                |                |                |            |          |  |                      |
| All Types of Practice       | 7                | - <u></u> - E  |                | 3              | 3          | 1        | nif to a   |                      |
| General Practitioner        | 6                | , <u> </u>     |                | 3              | 3 2        | 1        | 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |                      |
| Specialists                 | 1                |                | 2              | 3              | 1          |          | 1  |                      |
| Oral Surgeon                | T                |                |                |                |            |          | POSTALL  |                      |
| Orthodontist                | 1                | ·              |                |                | 1          |          |  | Dankser U            |
| Pedodontist                 | 1                |                |                |                | 1          |          |  |                      |
| Periodontist                | · -              |                |                |                | Albra 1    |          | 1975.04  | IN THE PART          |
| TELIOUOILLISL               |                  | -              | 7.             | - <del>-</del> | - 1 Da     |          | -  | -                    |

Number of Dentists by State, Region and County, and Type of Practice, by Age of Dentists (continued)

| County and                    | A11            |                  |                |              |               |  | Not                                      |
|-------------------------------|----------------|------------------|----------------|--------------|---------------|--|--|
| Type of Practice              | Ages           | -29              | 30-39          | 40-49        | 50-59         | 60-69  | 70+ Stated                               |
| Bearing Any County            | 1.1.1.1.1.1    |                  |                |              |               |  |  |
| Emmet                         |                |                  |                |              |               |  |  |
| All Types of Practice         | 8              | -1               | .1             | 3            | 63 31         | 2  | in de de la lace                         |
| General Practitioner          | 8              | -1               | 1              | 3            |               |  | til Typek of: "Benkral-Kract             |
| Specialists                   |                |                  | 8-             | -            | 21 31         | 3900431  |  |
| Oral Surgeon                  | _              | 200              |                |              |               | _  | Special ture                             |
| Orthodontist                  |                | _                |                |              | _             |  | Oral Burged                              |
| Pedodontist                   |                |                  |                |              | _             |  | mitentodia0 -                            |
| Periodontist                  |                |                  | 13             | _            | _             |  | initate bobay-                           |
| reriodolicisc                 | -              |                  | -17            |              |               |  | rkir. spokyali                           |
| Lyon                          |                |                  |                |              |               |  |  |
| All Types of Practice         | 5              | p 3-             | 1              | 201          | 0012-         | 2  | Helvilgyr III                            |
| General Practitioner          | 5              | 23-              | 1              | c <b>1</b>   | 0.83.0-       |  | Tour 1 Prince                            |
| Specialists                   | e lu           | ) <del></del>    | / <del>-</del> |              | 0.0           | -  | a soft last to side                      |
| Oral Surgeon                  | 3-             | -                | _              | _ !          | 7 1-          |  | reagradi Lang-                           |
| Orthodontist                  | 1              | 70-              | 1-             |              | E             |  | al specional II                          |
| Pedodontist                   | 9_             | A                | î-             | 2-           | 2 -           |  | telimbohe He                             |
| Periodontist                  |                |                  | 7-             |              | <u></u>       |  | altaroholosia                            |
| Almut and                     |                |                  |                |              |               |  |  |
| O'Brien All Types of Practice | -              |                  |                |              |               |  | he tolone                                |
| General Practitioner          | 7              | 65-              | 1.11           | 1.04         | 7 761         | no1350a75  |  |
|                               | 7              | 23-              | 1.21           | _ 4          | y 15 <b>1</b> | 168073   | Housel Pract                             |
| Specialists                   |                |                  | 1-             |              | . 2-          | 7:-  | at it in theigh.                         |
| Oral Surgeon                  | I <del>-</del> | -                | -              |              | 1-            |  | reasoned Legitic                         |
| Orthodontist                  |                | 14               | _              | _            | _             | h-, 3  | eskamerkonlandina i                      |
| Pedodontist                   |                | -                | 2.7            |              | -             | _  | Jet Machobe T                            |
| Periodontist                  |                |                  | E-             |              |               |  | le kaittoo ka e T = - T                  |
| Osceola                       |                |                  |                |              |               |  |  |
| All Types of Practice         | 2              | 1.4              | d-             | 1            | a . 241       |  |  |
| General Practitioner          | 2              | _                | -              | 1            | e 2-          | 1  | a and something a second                 |
| Specialists                   | <u> </u>       | -                | <u> </u>       |              |               | 2 1000 1   | racionare la proper pro-                 |
| Oral Surgeon                  | 17.7522        |                  |                |              | -             |  | enter a <del>al</del> Cardo <del>-</del> |
| Orthodontist                  |                | Name of the last |                | 06.          |               |  |  |
| Pedodontist                   |                |                  |                | <del>-</del> |               |  | each mehod in it                         |
| Periodontist                  |                |                  |                |              |               | a  | -Padodomitian                            |
| Terrogourist                  |                |                  |                | <del>-</del> |               |  | elinchor eff                             |
| Palo Alto                     |                |                  |                |              |               |  |  |
| All Types of Practice         | 4              | 1                | 1              | . 1          | g <u>1</u> -  | The State of | L to Many? Add                           |
| General Practitioner          | 4              | _ 1              | 1              | _1           | 8 7-          |  | Jacat I tracel                           |
| Specialists                   | _              | _                | _              |              |               | - 4  | adella i deell                           |
| Oral Surgeon                  |                | -                |                |              | -             |  | negred fare-                             |
| Orthodontist                  | _              | -                | _              |              | _             |  | -Orthodentia                             |
| Pedodontist                   |                |                  | _              | _            | _             | 12   | 1mk#edioba9-                             |
| Periodontist                  | _              |                  | _              |              |               |  | alimbbalasf-                             |
|                               | 100            | 377              | -10            |              |               |  | CONTRACTOR OF TAXABLE                    |

Number of Dentists by State, Region and County, and Type of Practice, by Age of Dentists (continued)

| County and<br>Type of Practice | A11<br>Ages    | -29        | 30-39 | 40-49           | 50-59         | 60-69        | 70+  | Not<br>State |
|--------------------------------|----------------|------------|-------|-----------------|---------------|--------------|--|--------------|
| Sioux                          |                | rings it   | -     |                 |               | 1 4 4 4      |  | 150          |
|                                | 10             | 2-4        | II a  | 3               |               | 0011.3       | 3  |              |
| All Types of Practice          | 13             | 1          | 3     | 3               | 8 1           |              | 3  | y ampl.      |
| General Practitioner           | 13             | 1          | 3     | 3               | _             | 3            | 110110   | Loag         |
| Specialists                    |                | _          | _     | _               |               | - 100        | l Saxe   | ar6 v        |
| Oral Surgeon Orthodontist      | _ 7 <u>.07</u> | dille seem | -     | _               | _             | 14           | 1.tnobon   | ii aO        |
| Pedodontist                    |                |            | -     | -               | _             | -            | raingobo   | _            |
|                                |                | 7          |       |                 | -             | _ = 10       | Lodentia   |              |
| Periodontist                   |                |            |       | -               | _             | _            | _  | -            |
| Region 4                       |                |            |       |                 |               |              |  |              |
| All Types of Practice          | 70             | 2          | 14    | 13              | 17            | 8            | 15   | 1            |
| General Practitioner           | 60             | 2          | 11    | 9               | 15            | 8            | 15   | Tener.       |
| Specialists                    | 10             |            | 3     | 4               | 2             |              | 819711   | 10991        |
| Oral Surgeon                   | 3              | 10 -1.     |       | 1               | 2             |              |  | STO          |
| Orthodontist                   | 3              | 34. L.     | 1     | -1              |               | 10 mg 28     | arthupper  | 1310         |
| Pedodontist                    | 3              |            | ī     | 2               |               |              | radiato bo   | what Land    |
| Periodontist                   | 1              |            | ī     |                 | -             |              | at the bo  |              |
| Cherokee                       |                |            |       |                 |               |              |  |              |
| All Types of Practice          | 1 10 7         |            | 3     | 2               | 1             | abligative.  | 40 199   |              |
| General Practitioner           | 7              |            | 3     | 2               | 1             | appo 11      | Thind T  | ez endeği. " |
| Specialists                    |                |            | 3     |                 |               | 100          | Lights"  | ut sudge ?   |
|                                |                |            |       | 2 2             |               | 1.0          | ongratia.  | LuxQ 🗀 🖯     |
| Oral Surgeon                   |                |            |       |                 | _ 155         |              | elidino bio  | ting 🗀 i     |
| Orthodontist                   |                |            |       |                 |               |              | rakunob  | Pede         |
| Pedodontist<br>Periodontist    |                | 'H-"-      |       |                 | 40            | - 12 :       | alimphe.   |              |
|                                |                |            |       |                 |               |              |  |              |
| Ida                            | - 11 3         |            |       |                 | 2 2           | sult set     | to ser   |              |
| All Types of Practice          | 3              |            |       | 3-25            | 40.00         | TOTAL SE     | mag L  | erens.       |
| General Practitioner           | 3              | T1-7.      |       | 7.3.3           | 1             | 1            | Edabl  | Loscia       |
| Specialists                    |                |            |       |                 |               | ·            | naiahue:   | Levo         |
| Oral Surgeon                   |                |            | -     | 3 3             |               | 3.0          | alimio   | dawo.        |
| Orthodontist                   |                | - 1 H/4    | _     | J. 7.4          | 150           |              | debuteh  | oho i 🗔      |
| Pedodontist                    |                |            | -     | 2.7             |               | Lexis B.S. a | ad Smoke.  | Lasi.        |
| Periodontist                   |                | -          | -     |                 |               |              | 7  | -            |
| Monona                         |                |            |       |                 |               |              |  |              |
| All Types of Practice          | 2              | Je _       | 1     | - 10 <u>-</u> 1 | 7.37          |              | 1  |              |
| General Practitioner           | 2              | A          | 1     | 8-2             | 4-13-7        |              | 1  |              |
| Specialists                    | 1144           |            | -     | 100.2           | - 1-:         | yen, şê      | Har Hard   |              |
| Oral Surgeon                   | 2              |            |       | + 2             |               |              | DESTRUCTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NA | 4030         |
| Orthodontist                   | - 1            | -          |       |                 | - 112         |              | 6.C.1 (10 00)  | ILLE IS NO.  |
| Pedodontist                    |                |            |       |                 | 7 10 10 10 10 | -            | 1843008  |              |
| Periodontist                   |                |            |       |                 |               | 744          |  | T. T. STORY  |

Number of Dentists by State, Region and County, and Type of Practice, by Age of Dentists (continued)

| County and Type of Practice | All<br>Ages | -29    | 30-39             | 40-49 | 50-59        | 60-69                                    | 70+             | Not<br>State       |
|-----------------------------|-------------|--------|-------------------|-------|--------------|--|-----------------|--------------------|
| Plymouth                    |             |        |                   |       |              | N S                                      |                 | abl                |
| All Types of Practice       | 10          | _1-    | 3                 | 1     | 3            | . 00/10/                                 | 9               | Ji Type            |
| General Practitioner        | 10          | - +    | 3                 | 1 5   | 3            |  | 2               |                    |
| Specialists                 | 10          | 200    | 3                 | 100   | _            |  | 11 234          | pectalti           |
| Oral Surgeon                |             |        |                   | -     | - No.        |  | 770034          | e taro             |
| Orthodontist                |             |        |                   |       | 40.0         | Tu Beer,                                 | Thillet         | (Jechode           |
| Pedodontist                 |             |        | -                 | _ =   |              | . s. et 🗒 🛪                              |                 | ioboba 4           |
| Periodontist                |             | ,= 27  |                   |       |              | . [                                      | ral <u>in</u> c | -Ferlod            |
| Woodbury                    |             |        |                   |       |              |  |                 |                    |
| All Types of Practice       | 48          | 2      | 7                 | 10    | 12           | 6  | 10              | 1 1 I I            |
| General Practitioner        | 38          | 2      | 4                 | 6     | 10           | 6  | 10              | LEYBOO             |
| Specialists                 | 10          | _ 20   | 3                 | 4     | 2            | 2  | 1 474           | ordella<br>Oral Su |
| Oral Surgeon                | 3           |        |                   | 1     | 2            | 6 7 7-4                                  | H09534          | AS TRUE            |
| Orthodontist                | 3           | - P    | 1                 | 1     |              | _  | JEJJ.m          | aboda 10           |
| Pedodontist                 | 3           | _ //   | 1                 | 2     |              | 100                                      | -               | Pedodor            |
| Periodontist                | 1           |        | 1                 |       | <del>-</del> | -  | garjax          | Perlode            |
| Region 5                    |             |        |                   |       |              |  |                 |                    |
| All Types of Practice       | 55          | 3      | 12                | 10    | 16           | 8  | 5               | 1                  |
| General Practitioner        | 51          | 3      | 11                | 9 5   | 15           | 7  | 5               | 1 1 1 10           |
| Specialists                 | 4           | _ P    | 1                 | 1     | 1            | 1  | _               | CT I B             |
| Oral Surgeon                | 1           |        | _                 | _ ~   | 1            |  |                 | S 1870             |
| Orthodontist                | 3           | - 1    | 1 -1              | 1     | 8            | 1  | 10128           | sbort3m0           |
| Pedodontist                 |             | 7 - 10 |                   | -     |              | - <u> </u>                               | 1 E.J. h        | re being 4         |
| Periodontist                |             |        | -                 | 5.5   |              |  | Ja Lan          | Pert nac           |
| Calhoun                     |             |        |                   |       |              |  |                 |                    |
| All Types of Practice       | 7           | 1      | 2                 | 1 4   | 2            | 9.1                                      |                 | 10 q 7 (L. 44)     |
| General Practitioner        | 7           | 1      | 2                 |       | 2            | 1 -0                                     | 1               | I I styles         |
| Specialists                 |             |        |                   |       |              |  | _               |                    |
| Oral Surgeon                |             |        |                   |       |              | , Ath                                    | 0.067.11        | ON TREAT           |
| Orthodontist                |             | -      |                   |       | pri Taraga   | e vial                                   | 18773           | 0000330            |
| Pedodontist                 | <u> </u>    |        |                   |       | -            | 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1 |                 | Pedoder            |
| Periodontist                | +           | Hill   |                   |       |              | 5  | 36.230          | DO FIST            |
| Hamilton                    |             |        |                   |       |              |  |                 |                    |
| All Types of Practice       | 8           | _      | 2 2               | 3     | 1            | 1 100                                    | 1               |                    |
| General Practitioner        | 8           |        | 2                 | 3     | 1            | 1  | 1               | H I de Prima       |
| Specialists                 | L10         | -      |                   | _ *   |              |  | 700371          | o rain             |
| Oral Surgeon                |             |        |                   | - 7   |              | -  | Jaljas          | Sharf again        |
| Orthodontist                | - 1         |        | - 4               |       | , il         | -  | 9 14 To be      | six function of    |
| Pedodontist                 | 4.2         | - 10   | 1 1 1 1 1 1 1 1 1 |       |              | - <u>-</u>                               | 1000            | T. S.F. VAN        |
| Periodontist                | 14          |        |                   | 1     | 25 10        | - 1                                      | delin           | androna, T.        |

Number of Dentists by State, Region and County, and Type of Practice, by Age of Dentists (continued)

| County and<br>Type of Practice | All<br>Ages          | -29              | 30-39             | 40-49                       | 50-59             | 60-69    | Not<br>70+ Stated                            |
|--------------------------------|----------------------|------------------|-------------------|-----------------------------|-------------------|----------|--|
| Humboldt                       |                      |                  |                   |                             |                   |          | draw   |
| All Types of Practice          | 6                    | - 74             | 1 &               | 1                           | 01                | -1       | if the many 1 UA                             |
| General Practitioner           | 6                    | - AC             | 1                 | 1                           | 1                 |          | talia la |
| Specialists                    | 4500                 | _                |                   | ==,                         | _                 | _        | Speelal ista-                                |
| Oral Surgeon                   | _                    | -                | _                 | -                           | _                 | _        | Devil Surretue                               |
| Orthodontist                   |                      | _                | - 1               |                             |                   | _        | tell arborite)                               |
| Pedodontist                    |                      | _                |                   |                             | _                 | _        | red igobole 9                                |
| Periodontist                   |                      |                  |                   |                             |                   | - ,      | ral-quick-q                                  |
| Pocahontas                     |                      |                  |                   |                             |                   |          |  |
| All Types of Practice          | 5                    | 105              | -1.6              | 1                           | 3                 | 91tap    | ari Hypropy∓ Fra                             |
| General Practitioner           | 5                    | <del>-</del> -   | -1.0              | 1                           | 3                 | 1 000    | Septembl Repetited                           |
| Specialists                    | · ( <del>-1</del> 10 | - <del>-</del> 4 | <del>-</del> 18   |                             | 0 <del>1</del> 1: | -        | -produkters                                  |
| Oral Surgeon                   | 5-1                  | BUT HALL         | , i.=de           |                             | 6- 3              |          | Diel Surpen                                  |
| Orthodontist                   | -                    |                  |                   | Total .                     |                   |          | July Holpiton Hill                           |
| Pedodontist                    |                      |                  |                   | ation s <del>h</del> all is |                   | -        | gelpacteled.                                 |
| Periodontist                   | -                    | 1.7              |                   |                             |                   | " " # #" | Trailing of the Park                         |
| Vebster                        |                      |                  |                   |                             |                   |          |  |
| All Types of Practice          | 22                   | 2                | 4                 | 4                           | 7                 | 4        |  |
| General Practitioner           | 18                   | 2                | 3                 | 3                           | 6                 | 3        | trialer latega.                              |
| Specialists                    | 4                    |                  | 1                 | 1                           | 1                 | 1        | -elelia-ogqi                                 |
| Oral Surgeon                   | 1                    |                  |                   |                             | 1                 | -        | Orel forgero                                 |
| Orthodontist                   | 3                    | 스 시 기독했다.        | 1                 | 1                           | E                 | 1        | Orehodogotat                                 |
| Pedodontist                    |                      | - 1 L            | 5                 | -                           | -                 | -        | rekurokoba (                                 |
| Periodontist                   | 1972                 |                  | - ,,:             |                             | N-                | -        | Te <del>s</del> todopt <del>s</del> el       |
| Wright                         |                      |                  |                   |                             |                   |          |  |
| All Types of Practice          | 7                    |                  | 3                 | 1                           | 2                 | 45/45    | ari 10 seqv∓ (I/                             |
| General Practitioner           | 7                    | ·                | 3                 | 1                           | 2                 | 7,000    | kakilori le <del>s</del> spoi                |
| Specialists                    | -                    |                  |                   |                             | -                 | - 7      | -myalia <del>l</del> agq                     |
| Oral Surgeon                   | ar 4.                |                  | - " <sub>pr</sub> |                             | _                 | -        | oregund lend                                 |
| Orthodontist                   |                      | -                | - 1               |                             |                   |          | 1 s <del>4</del> Tgabod#TO                   |
| Pedodontist                    | -                    |                  | -                 |                             |                   | -        | rellanobo <del>k</del> aš                    |
| Periodontist                   |                      |                  |                   |                             |                   |          | . Letteropajeel                              |
| Region 6                       |                      |                  |                   |                             |                   |          |  |
| All Types of Practice          | 38                   | 1                | 8                 | 12                          | 10                |          | Bil 20 copy                                  |
| General Practitioner           | 34                   | 1                | 8                 | 10                          | 9                 |          | 2 - 1-                                       |
| Specialists                    | 4                    | - 16.            | -                 | 2                           | 1                 | 1        | – okakilis <del>k</del> deg                  |
| Oral Surgeon                   | 1                    | -                | -                 | - 4                         | 1                 |          | nasgroß Jaru                                 |
| Orthodontist                   | 3                    | -                | -                 | 2                           | - I               | 1        | destancionistal)                             |
| Pedodontist                    |                      |                  | -                 |                             | -                 |          | Petodonciec                                  |
| Periodontist                   | 100                  |                  | -                 |                             | _                 | -        | Pertodonts-1:                                |

| County and            | A11  |         |             |         |           |                 |                           | Not                 |
|-----------------------|--|---------|-------------|---------|-----------|-----------------|---------------------------|---------------------|
| Type of Practice      | Ages   | -29     | 30-39       | 40-49   | 50-59     | 60-69           | 70+                       | Stated              |
|                       |  |         |             |         |           |                 |                           |                     |
| Hardin                |  |         |             |         |           |                 |                           |                     |
| All Types of Practice | 9  | , S     | 7.Q. —      | 5       | 2         | 2               | 10 ju <u>t</u> y          | P 1                 |
| General Practitioner  | 9  | " -     | \$ <b>-</b> | 5       | 2         | 2               | a usafi Tar               | cartel7             |
| Specialists           | * 10 =   | -       | 2" -        |         | - A       | _               | - A THE PLAN              | 2001                |
| Oral Surgeon          | " 3 =  | _       |             | , –     | -         |                 | neg rue Li                | 500                 |
| Orthodontist          | ~ s =  | -       | <i>I</i> -  | _       | 2 -       |                 | al anobod:                | und =               |
| Pedodontist           | - ; -  | -       |             | _       | _         |                 | dalahi7bo                 |                     |
| Periodontist          |  | _       | -           | <u></u> | _         |                 | -                         | reg -               |
| Marshall              |  |         |             |         |           |                 |                           |                     |
| All Types of Practice | 18   | 1       | <b>3</b>    | 5       | 7         |                 | 2                         | MARINE SE           |
| General Practitioner  | 15   | 5 1     | 3           | 3       | 6         | 2 2 To 2 2 Ball | 2                         | 4 1/4               |
| Specialists           | 3  | €, _    | 2 2         | 2       | 1         | " ari riit i    | atomorii <b>S</b> lari    | 190.00              |
| Oral Surgeon          | - 1  | 310     |             | _       | 1         | 120             | BIBLES                    |                     |
| Orthodontist          | - 2  |         |             | 2       |           |                 | medians g                 | 100                 |
| Pedodontist           |  |         |             | _       |           |                 | 815/10000                 | 110                 |
| Periodontist          |  |         |             | _       | 100       |                 | dal incho                 | order H             |
| reriodolicisc         | _  |         | -           |         |           | -7 3            | an month.                 | ng: T               |
| Poweshiek             |  |         |             |         |           |                 |                           |                     |
| All Types of Practice | a . 7  |         | 3           | 11.1    | 1         | 2               |                           | 377.70              |
| General Practitioner  | 7  | 2       | 3           | î       | 1 1       | 2               | TO BIRT                   | - <del>7.</del> 4   |
| Specialists           | - 7 1  | 2       | ~ _         |         | S * 1 .   | Tancido         | A L PLACE                 | Talyana             |
| Oral Surgeon          |  |         | <u>-</u>    |         |           |                 | 918118                    | TO BELL             |
| Orthodontist          | - 1 E  |         | 7.2         | 100     | - 51      |                 | (J. Skirpen               | ard gr              |
| Pedodontist           | -  |         | - 3. Til.   | 94 A 🗄  | - 11      |                 | elimeter.                 | 1.00                |
| Periodontist          |  |         | . S-5       |         | - 13      |                 | tal frame                 | he'T (              |
| refrodomerse          | -  |         |             |         | - 2.5     | 70.79           | Lod silet el              |                     |
| Гата                  |  |         |             |         |           |                 |                           |                     |
| All Types of Practice | 4  |         | 2           | 1       | - 2       | 1               |                           | ename id            |
| General Practitioner  | 3  | 5       | 2           | ī       | 4 7       | , audipāti      | f to begy                 | I LIA-              |
| Specialists           | 1 1  |         |             |         | # 10 E    | - 10/0/22       | ASE TO LE                 |                     |
| Oral Surgeon          |  | 100     |             |         | - 111     |                 | erwiya.                   | Tanga               |
| Orthodontist          | 1  |         |             | # #WZ   | - III     | 1               | t Burgeon                 |                     |
| Pedodontist           |  | . 45.5  |             |         | - K-5,5 s | ± .             | hogictists                | #16 C               |
| Periodontist          | en a   | - 2     |             |         | - 1       |                 | Jalinch.                  |                     |
| TELIOGOREISC          |  |         |             | 2 - 5   | -4        |                 | ieldmo <del>b</del> .2    | New T               |
| Region 7              |  |         |             |         |           |                 |                           |                     |
| All Types of Practice | 82   | 4       | 18          | 28      | 18        | 4               | 10                        | r wit               |
| General Practitioner  | 72   | 4       | 14          | 24      | 17        | 3               | 10                        | T-006.7             |
| Specialists           | 10   | =100 y  | 4           | 4       | 1         | 1               | per di <del>T</del> ilia. | Friend &            |
| Oral Surgeon          | 2  | -       | 1           | 1       |           |                 | measure f                 | - m                 |
| Orthodontist          | 5  | -       | 3           | 1       | 1         | 1               | ativotod                  | 3 (8 <del>-</del> 1 |
| Pedodontist           | 2  | - The - |             | 1       | Y =       | 1               | dalingh.                  | 667 ±               |
| Periodontist          | 1  | 1.      |             | 1       |           |                 | alifotal                  | TOT -               |
|                       | and the same of th |         |             |         |           |                 |                           |                     |

Number of Dentists by State, Region and County, and Type of Practice, by Age of Dentists (continued)

| County and Type of Practice  | A11<br>Ages    | -29          | 30-39      | 40-49      | 50-59          | 00-69 70+ Stated   |
|--|----------------|--------------|------------|------------|----------------|--|
| Bremer   |                |              |            |            |                | athre  |
| All Types of Practice  | 12             | 1            | 2          | 4          | 8 1 4          | [ All Types of Rigustics   |
| General Practitioner   | 2 6 12         | 1            | 2 2        |            | 9 1 1          | Tenera Pract Proper  |
| Specialists  | 12             |              |            | 4          | 1              | 1 ajai3sloagi-   |
| Oral Surgeon   |                |              | ,          | _          |                | _ Gral Surgeon   |
| Orthodontist   |                | -            |            | 100        |                | Orthodomias.   |
| Pedodontist  |                | ž mo         |            | lest .     |                | _ Ledocential  |
| Periodontist   |                | _            | -          | _          | _              | - Tertification  |
| Periodontist   | _              | _            | _          | _          | -              | //   |
| entropy to the control of the contro |                |              |            |            |                |  |
| Buchanan   |                |              |            |            |                |  |
| All Types of Practice  | 5              | _            | - 8 -      | 3          | 1              | renelilperiTLisper   |
| General Practitioner   | 5              |              | -          | 3          | 1              | 1 sinfinites   |
| Specialists  | - 1            | -            | -          | _          | -              | - moneral Titro  |
| Oral Surgeon   | -              | _            | _          | . · ·      | -              | - valenameteri -   |
| Orthodontist   | -              | 100          | _          | _          | _              | - Deltar Toobed -  |
| Pedodontist  |                |              | many .     |            |                | - Berichentist -   |
| Periodontist   |                |              |            |            |                |  |
| Butler   |                |              |            |            |                |  |
| All Types of Practice  | 2              |              |            | 2          |                | All Types of Passings  |
| General Practitioner   | 2              | _            |            | 2          |                | Administrated and the patent sea to  |
| Specialists  | 1              |              |            |            | _              | ) D stallstredE 30   |
| Oral Surgeon   |                |              |            |            | + 11. <u> </u> | True Oral Burgeon  |
| Orthodontist   |                |              |            |            |                | 1 - I sakincoponitio - (iii  |
| Pedodontist  |                |              |            |            |                | La  |
| Periodontist   | +-1            | * 2          |            | . T. I. I. |                | Pariofontist   |
| Chickasaw  |                |              |            |            |                | and the second   |
| All Types of Practice  |                |              |            |            | A 25           | "All Types of Preciden   |
| General Practitioner   | - 7 4          | 4.5          | 3.5        | 2 2        | 40 th          | Toonard Prestitions  |
| Specialists  | - 4            |              |            | 2          | 1              | aun lata de la composición dela composición de la composición de la composición de la composición dela composición dela composición dela composición de la composición de la composición de la composición de la composición dela composici |
| Oral Surgeon   | 5              |              |            | - 7        | = = 107        | . Oral pargue  |
| Orthodontist   |                |              |            | _ 7        |                | a Takagonoda (0 T. )   |
| Pedodontist  |                |              |            |            | H.             | L T Fadodontiau T  |
| Periodontist   |                | <del>-</del> |            |            |                | a Table is the break T   |
| reriodontist   | <del>-</del> - |              | 1 -5       | -          |                |  |
| Grundy   |                |              |            |            |                |  |
| All Types of Practice  | 5              | -0-a         | 2          | 1          | 2              |  |
| General Practitioner   | 5              | 400          | 2 2        | 1          | 2              | property and a special state of the second   |
| Specialists  |                | -            | -          | alle ye    |                | a management of the second   |
| Oral Surgeon   | -              | _            | # <u>_</u> |            | 3 - 1 - 1      | The state of the s |
| Orthodontist   | 1 3 2          | 1 _          |            | "          | C              |  |
| Pedodontist  |                |              |            |            | 11             |  |
| Periodontist   |                |              |            | 196 1      |                |  |
|  |                | 2 1 0        |            |            | - V            |  |

Number of Dentists by State, Region and County, and Type of Practice, by Age of Dentists (continued)

| County and Type of Practice  | All<br>Ages | -29        | 30-39           | 40-49             | 50-59        | 60-69    | Not<br>70+ Stated  |
|------------------------------|-------------|------------|-----------------|-------------------|--------------|----------|--|
| Publis                       |             |            |                 |                   |              |          |  |
| Region 8                     |             |            |                 |                   |              |          | a Simul  |
| All Types of Practice        | 54          | <b>-</b> a | 10              | 16                | 15           | 4        | 7 2 2  |
| General Practitioner         | 44          | - 3        | 8               | 13                | 11           |          | 7 7 2 2  |
| Specialists                  | 10          | -          | 2               | 3                 | 4            | 1        | - Tatisiana  |
| Oral Surgeon                 | 3           | -          | 1               |                   | 2            | -        | Oral Surrece   |
| Orthodontist                 | 4           | - 1        | 1               |                   | 2            | 1        | tal=quboda+1   |
| Pedodontist                  | 3           | _          | _               | 3                 | -            | ***      | ran mobole I   |
| Periodontist                 | _           |            | _               |                   | _            |          | telf-nababa <del>s</del> ?   |
|                              |             |            |                 |                   |              |          |  |
| Delaware Turney of Transport |             |            |                 |                   |              |          |  |
| All Types of Practice        | 4           | - 6        | 2               | 1                 | (H.)         | 100      | All-Types of Pra   |
| General Practitioner         | 4           | - 51       | 2               | 1                 |              |          | eneral Practic   |
| Specialists                  |             |            | _               |                   |              | _        | -dalidebaga  |
| Oral Surgeon                 |             | _          | _               | _                 | _            |          | or myould issue  |
| Orthodontist                 | -           | - "        | - "             | _                 | -            |          | Juleanobodaeo  |
| Pedodontist                  | _           | _          |                 |                   | _            | 2.5      | reformbésis  |
| Periodontist                 | -           | -          |                 | -                 | <del>.</del> | _        | Parlodonidet   |
| Dubuque                      |             |            |                 |                   |              |          |  |
| All Types of Practice        | 44          | _ 1        | 8 7             | 11                | 14           | 2        | 7 2 2  |
| General Practitioner         | 35          | 111 = 1    | 6               | 8                 | 10           | 100      | 7 2  |
| Specialists                  | 9           | - 27       | 2               | 3                 | 4            | _        | -011114141-308   |
| Oral Surgeon                 | 3           |            |                 |                   |              |          |  |
| Orthodontist                 |             |            |                 |                   | 2 2          |          |  |
| Pedodontist                  | 3           | 7.7        |                 | 2                 | 2            | ·        | seletophodosti<br>seletophodosti   |
| Periodontist                 | 3           | _ = &-<br> | : E.F           | 3                 | i. Fi        | 13.      | Settenboker  |
| Jackson Tunes of Preventes   |             |            |                 |                   |              |          |  |
| All Types of Practice        | 6           | - 10       |                 | 4                 | 1            | - distan | iti de seguini.  |
| General Practitioner         | 5           | - 02       | 707             | 4                 | 1            |          | lalateri Loenal  |
| Specialists                  | 1           |            |                 | 4                 | 2            | 1        | -dalial-egi  |
| Oral Surgeon                 | 1           | - S        | # 18 <u>4</u> T |                   |              | - 2      | nominal Line   |
| Orthodontist                 | 1           |            |                 | 1 1 1 1 1 1 1 1 1 | H.           | 1        | 3a/Hanoboni#10   |
| Pedodontist                  |             |            |                 |                   |              |          | an Lagrande T  |
| Periodontist                 |             |            |                 | <del>-</del> 1    | 1            | -        | Jakinol start  |
| Region 9                     |             |            |                 |                   |              |          |  |
| All Types of Practice        | 93          | 2          | 24              | 25                | 21           | 13       | ALL_Types 8 Pra  |
| General Practitioner         | 78          | 2          | 18              | 19                | 1            |          | H 1 8 H 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |
| Specialists                  | 15          | _          | 6               | 6                 | 2            | 1        | atiet Lebeg 2  |
| Oral Surgeon                 | 3           |            | 2               | _                 | 1            |          | nosarius 1 arū   |
| Orthodontist                 | 7           | 100        | 3               | 3                 | - 2          | 1        | t mlutmohadar0   |
|                              |             | -          |                 | 3                 | 1            | -        | Periodonidat   |
| Pedodontist                  | 4           | _          | _               | - 2               |              | _        | A Company of the Comp |

Number of Dentists by State, Region and County, and Type of Practice, by Age of Dentists (continued)

| County and            | A11  |               |                           |   |              |        |                    | Not                 |
|-----------------------|------|---------------|---------------------------|---|--------------|--------|--------------------|---------------------|
| Type of Practice      | Ages | -29           | 30-39                     | 40-49   | 50-59        | 60-69  | 70+                | Stated              |
| Clinton               |      |               | inchesiate and an account |   |              | 1      |                    | i an                |
| All Types of Practice | 24   | 1.6_          | .5                        | 6   | 7            | 3      | 3                  | VII. ITY po         |
| General Practitioner  | 21   | _ ET          | 4                         | 5   | 6            | 3      | 3                  | Sequented.          |
| Specialists           | 3    | - 15          | 1 2                       | 1   | 1            | _      | 200                | Hagangl             |
| Oral Surgeon          | 3    | -             | <u> </u>                  |   | Ē.           | _      | artin <u>et</u> To | S AND IT            |
| Orthodontist          | 2    |               | 1 1                       | 1   | A            |        | dalidate           | Tort.bod            |
| Pedodontist           | 1    | - F           | _                         |   | 1            |        | pra2dfir           | Patedo              |
|                       | 1    | -             |                           |   | _            | _      | 1812/10            | Part of             |
| Periodontist          | _    |               |                           |   |              |        |                    |                     |
| luscatine             |      |               |                           |   | •            | melona | 11. Sp. 11         |                     |
| All Types of Practice | 14   | 1             | 2                         | 3   | 2            | 5      | _                  | fan adai            |
| General Practitioner  | 13   | 1             | 2                         | 3   | 2            | 4      | 100                | File book 3         |
| Specialists           | 1    | - "           | -                         |   | _            | 1      | _20.2 id           | a lavi              |
| Oral Surgeon          | _    | -             | -                         | - 0   | 7-1          | 7      | and bound          |                     |
| Orthodontist          | 1    | -             |                           |   |              | 1      | an Line            | Production at       |
| Pedodontist           | -    | -             |                           |   |              | - F    | 18200              | 0010 000            |
| Periodontist          | -    |               |                           |   | , ×.         |        | - barrano          | 1001.101            |
| cott                  |      |               |                           |   |              |        |                    |                     |
| All Types of Practice | 55   | 1             | 17                        | 16  | 12           | 5      | 4                  | Wi Lyps             |
| General Practitioner  | 44   | 1             | 12                        | 11  | 11           | 5      | 4                  | Lacroffee           |
| Specialists           | 11   |               | 5                         | 5   | 1.           |        | -831               | ti almagi           |
| Oral Surgeon          | 3    |               | 2                         | -   | 1            | -      |                    | S Lust              |
| Orthodontist          | 4    | 4             | 2                         | 2   | (- "         | - "    | fe La dis          | Uztinode            |
| Pedodontist           | 3    | 11.           |                           | 3   | (j-          | - "    | delin              | robot-1             |
| Periodontist          | 1    | -             | 1                         | 1 = 0   |              | -      | 34710              | Forthern            |
| legion 10             |      |               |                           |   |              |        |                    |                     |
| All Types of Practice | 132  | 4             | 37                        | 37  | 33           | 12     | 7                  | 2                   |
| General Practitioner  | 108  | 3             | 30                        | 30  | 25           | 11     | 7                  | 2                   |
| Specialists           | 24   | 1             | 7                         | 7   | 8            | 1      |                    | LLIBER DE           |
| Oral Surgeon          | 5    |               | í                         | 2   | 2            |        | क्कान्त्र होते.    | it Light            |
| Orthodontist          |      | -             |                           | 5   | 4            | 1      | Salatte.           | Outline of          |
| Pedodontist           | 13   |               | 3                         | 3   | 2            | 1      |                    | roboha'i            |
| Periodontist          | 2    | 1             | 2                         |   | 2            | - II   |                    | Practical.          |
| reriodoncisc          | 2    | 1             | 1                         | 7.7   |              | 1.16   | -                  |                     |
| Benton                | 1    |               |                           |   |              |        |                    |                     |
| All Types of Practice | 6    | 1             | 1                         | 1.5   | 2            | 1      |                    | Tarana              |
| General Practitioner  | 6    | 1             | 1 81                      | 1   | 2            | 1      |                    | of Factories        |
| Specialists           | 3-1  | -0            |                           |   |              |        | 499                | - 5 - L 2           |
| Oral Surgeon          | - I- | 100           | S.,                       |   |              | - 1    |                    | and Allege          |
| Orthodontist          |      |               | 1 - 1 - b .:              | , <del>, , , , , , , , , , , , , , , , , , </del> | <del>-</del> | · ( )  | 38500              | See South Lists     |
| Pedodontist           | J-)  | .: <u>.</u> E | 454                       |   | ·            |        |                    | to bole i           |
| Periodontist          | 1    |               | 4 1                       |   |              | · ·    | - 3 mT2/3          | opalit <u>e</u> si. |

Number of Dentists by State, Region and County, and Type of Practice, By Age of Dentists (continued)

| County and            | A11            |      |          |       | 2, 118 | 1 |                        | Not   |
|-----------------------|----------------|------|----------|-------|--------|---|------------------------|---|
| Type of Practice      | Ages           | -29  | 30-39    | 40-49 | 50-59  | 60-69                                   | 70+                    | Stated                                      |
| May are a soul        | يند بدائل      |      |          |       |        |   | , , ,                  | beated                                      |
|                       |                |      |          | 200   | 56-39  | FQ - 59                                 |                        | T Cartes                                    |
| Cedar                 |                |      |          |       |        |   |                        |   |
| All Types of Practice | 4              | _    | 1        | 1     | 1      | Munio E I I                             | 1                      | (A) - 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| General Practitioner  | 4              | _    | 1        | 1     | 1      | Saudini                                 | 135.14                 | rdirardises.                                |
| Specialists           |                | 7) = | _        | -     | ~ ~    | -                                       | 4176 (                 |   |
| Oral Surgeon          | 1 -            | _    | -        |       | -      | 1 - 1                                   | osany <u>i</u> 1       | ETU.  |
| Orthodontist          |                | -    | _        | -     | 100    | 3                                       | Fig. d por             |   |
| Pedodontist           | -              | -    |          | _     | _      | _                                       | is this by             | ha, 91                                      |
| Periodontist          | -              | -    | _        | -     | 22     | _ 1                                     | be <u>d</u> gntia      | ors 9                                       |
|                       |                |      |          |       |        |   |                        |   |
| Iowa                  |                |      |          |       |        |   |                        |   |
| All Types of Practice | 6              | 131  | 28       | 1     | 1 216  | 2                                       | 30 (25)                | TIT   |
| General Practitioner  | 6              | 841  | -65      | 1     | A81 1  | 2                                       | doay []/               | riener:                                     |
| Specialists           | 9 0            | 6.1. | 4.       | 1 -   | Tr 32  | 2                                       | . relit                | d geals                                     |
| Owal Cumana           | 1 11           | 5    | 1, 7     |       | 3 7    | 10                                      | Day Ind I              | ara D_                                      |
| Orthodontist          | £ 10-          | 7    | 5.7      |       | 1.5    |   | a tampa ou             | Ishu.                                       |
| Pedodontist           | 5              | à -  | 8        | 1.    | P -    | _                                       | se tapabe              | Fede  |
|                       | 10.7           | -    | ( -      | _     | · -    |   | at upbol               | tra 9.                                      |
| Periodontist          | -              | -    | _        | _     | _      | _                                       | _                      | _   |
| Pedragon (10 C        |                |      |          |       |        |   |                        |   |
| Johnson               | 20             |      | -        | 10    | 0.1    | 3                                       | to man                 |   |
| All Types of Practice | 30             | 1    | 9        | 10    | 6      |   | nosofii.               | -1 S. 11847                                 |
| General Practitioner  | 23             |      | 7        | 8     | 4      | 3                                       | adeli.                 | Fuet L                                      |
| Specialists           | 7              | 1    | 2        | 2     | 2      |   | na vieni               | nert.                                       |
| Oral Surgeon          |                |      | 4-       | 00    |        |   | San San La             | 0.10  |
| Orthodontist          | 5              |      | 1        | 2     | 2      | .) "                                    | as hagoh               | Iva9  |
| Pedodontist           | - 1            | _    | 1        | _     | _      |   | e teknol se            | leave a 70                                  |
| Periodontist          | 1              | -1   | , –      | , -   | 3-     | -                                       | mromi ne               | _   |
| YadodonList           |                |      |          |       |        |   |                        |   |
| Jones                 | 4 4            |      | X .      | 1 -   | P      | modela #115                             |                        |   |
| All Types of Practice | 5              |      | 1        | 1     | 2      | marrol 17                               | town 5 d               | Common A                                    |
| General Practitioner  | 5              |      | 1        | 1     | 2      | 1                                       | n all                  | 1.000000                                    |
| Specialists           | 1,000          |      |          |       |        | 2 0                                     | Name and               | Charles.                                    |
| Oral Surgeon          | _ 10-          |      | _        | 2.3-  |        |   | a k tera bou           | (215 to                                     |
| Orthodontist          |                |      | _        | 3-    | _      | _                                       | was to a sub-          | alou il                                     |
| Pedodontist           |                |      | <u>~</u> |       |        |   | alimpio                | - 10 M                                      |
| Periodontist          | J <del>-</del> |      | 100      | -     | _      | 3-                                      |                        | _   |
|                       |                |      |          |       |        |   |                        |   |
| Linn Feriodoptist     |                |      |          |       |        |   |                        |   |
| All Types of Practice | 74             | 1    | 21       | 23    | 20     | 3                                       | 5                      | 1   |
| General Practitioner  | 57             | 1    | 16       | 18    | 14     | 3<br>2<br>1                             | 5                      | 1   |
| Specialists           | 17             | 100  | 5        | 5     | 6      | 1                                       | COLUMBIA<br>PERMUSICAL | PER SAGE                                    |
| Oral Surgeon          | 5              | 100  | 1        | 2     | 2      |   |                        | APTION_                                     |
| Orthodontist          | 8              |      | 2        | 3     | 2      | 1                                       | stracto                |   |
|                       |                |      |          |       |        |   | telogat.               |   |
| Pedodontist           | -3             | _    | 1        | -     | 2      | _                                       | al amorro              | _   |

Number of Dentists by State, Region and County, and Type of Practice, By Age of Dentists (continued)

| County and                      | A11           |         |          |  |                |                   |                                  | Not                         |
|---------------------------------|---------------|---------|----------|--|----------------|-------------------|----------------------------------|-----------------------------|
| Type of Practice                | Ages          | -29     | 30-39    | 40-49                                  | 50-59          | 60-69             | 70+                              | State                       |
| Washington                      |               |         |          |  |                |                   |                                  | was.                        |
| All Types of Practice           | 7             | 5.5     | 4        | _                                      | <sub>A</sub> 1 | 90 kd 2 d         | ypen of                          | TIE                         |
| General Practitioner            | 24.7          | 20      | 4        |  | - 1            | 2                 | abayT la                         | TensU                       |
| Specialists                     | 21 -          |         | 2 -      | 5 -                                    | _ a =          |                   | # No. 1 1 5                      | di Engero C                 |
| Oral Surgeon                    | _             | -       | 1 -      | _                                      |                |                   | angene I                         | ano -                       |
| Orthodontist                    | _             |         | _        |  | _              |                   | a i destablica                   | and -                       |
| Pedodontist                     | 2 -           | -       | , n =    |  | _              | _                 | haldmobil                        |                             |
| Periodontist                    |               | -       | -        | _                                      | _ + =          |                   | a l imabul                       |                             |
|                                 |               |         |          |  |                |                   |                                  |                             |
| Region 11                       |               |         |          |  |                |                   |                                  |                             |
| All Types of Practice           | 216           | 14      | 45       | 61                                     | 51             | 24                | 20                               | 1                           |
| General Practitioner            | 184           | 13      | 39       | 48                                     | 45             | 20                | 18<br>2<br>-<br>1                | 1                           |
| Specialists                     | 32            | 1       | 6        | 13                                     | 6              | 4                 | 2                                | L Selection                 |
| Oral Surgeon                    | 6             | -       | 1        | 2                                      | 1              | 2                 | No total man                     | result -                    |
| Orthodontist                    | 15            | -       | 2        | 7                                      | 3              | 2                 | 1                                | (4.50)                      |
| Pedodontist                     | 9             | 1       | 2        | 4                                      | 2              | -                 | roughted<br>roughted<br>roughted | elioniii —                  |
| Periodontist                    | 2             |         | 1        | 1,2                                    |                | - 10 <del>-</del> | nakonoho<br>odoni fat            | result =                    |
|                                 | - L           |         |          |  |                |                   |                                  |                             |
| Boone                           |               |         |          |  |                |                   |                                  |                             |
| All Types of Practice           | 10            | 1       | 3        |  | 2              | 2                 | 2 2                              | January Line                |
| General Practitioner            | 10            | 1       | 3        |  | 2 2            | 2 2               | 2                                | 13 - 1 - 1                  |
| Specialists                     |               |         |          |  | - 111          | Tallian Trail     | 1000                             | all regions                 |
| Oral Surgeon                    |               |         |          |  |                | · · · · · · · ·   | dog LL                           | t is sufficient             |
| Orthodontist                    |               |         |          |  |                | -                 | rosgitud -                       | Tatan                       |
| Pedodontist                     |               |         |          |  | 0.11           | _                 | ant anubo                        | 83 W _                      |
| Periodontist                    |               |         | <u> </u> | w/F                                    | _              |                   | dontint                          |                             |
| Terrodonerse                    |               |         |          |  |                |                   | odoncist                         |                             |
| Dallas                          |               |         |          |  |                |                   |                                  |                             |
| All Types of Practice           | 9             | 1       | 2        | 1                                      | 1              | 2                 | 2                                | - Elsus                     |
| General Practitioner            | 9             | 1       | 2        | 1                                      | 1              | 2 2               | 1 10 2                           | An white                    |
| Specialists                     | A STATE STATE |         |          | 2073                                   |                | 13.00.00          | ESCHALL A                        | AND DESCRIPTION OF STREET   |
| Oral Surgeon                    | 44.           |         | -        |  |                | -                 | 83417                            | ELL HEROLD                  |
| Orthodontist                    |               | - A - A | _        | 7, 2                                   | -              |                   | nasizno                          | A WIND                      |
| Pedodontist                     | - 1 2         | - 1.0   |          | ###################################### |                | -                 | edentiat<br>denthat              | a year                      |
| Periodontist                    |               |         |          | - 2                                    |                | _                 | 30000000000                      | DDSG.                       |
| Tattogarcast                    |               |         |          |  |                |                   | Jakan <u>o</u> po                |                             |
|                                 |               |         |          |  |                |                   |                                  |                             |
| Jasper<br>All Types of Practice | . 11          | . 1     | 3        | 2                                      | 1              | 2                 | . 1                              | 1                           |
| General Practitioner            | 11            | 1       | 3        | 2 2                                    | 1              | 2 2               | 1                                | 1                           |
| Specialists                     | VIOLE         | 8.4     | -0.1     | 4.1 <u> </u>                           | 75.            |                   |                                  |                             |
| Oral Surgeon                    | 3. 9          | 8       | 145      | 4.7                                    | 414.5          |                   | 82 8377                          | STATE OF THE REAL PROPERTY. |
| Orthodontist                    | . 2           | 2       |          |  | e " _ '        | # 1 <u>2</u> 4    | anegros.                         | LROU                        |
| Pedodontist                     | 2 2           | E :     | - 13 Bu  |  | 3 7 Y          | Y                 | odonet s c                       | ALL DEL CO.                 |
| Periodontist                    | \$ "          | 2       |          |  | E 77           |                   | 1 44 1 110 1                     | rope 1                      |
| Fertodofft Aut                  | , - T         | ÷ 7.    |          |  |                |                   |                                  |                             |
|                                 |               |         |          |  |                |                   |                                  |                             |

Number of Dentists by State, Region and County, and Type of Practice, By Age of Dentists (continued)

| . County and          | 43.1                         |   |                                       |          |                   |           |                          |                  |
|-----------------------|------------------------------|---|---------------------------------------|----------|-------------------|-----------|--------------------------|------------------|
| County and            | A11                          | 19                                      | 10-0.                                 | 10-49    | ALAS,             | 60465     | 7,64                     | Not              |
| Type of Practice      | Ages                         | -29                                     | 30-39                                 | 40-49    | 50-59             | 60-69     | 70+                      | Stated           |
| ill Types of Lonette. |                              | *************************************** |                                       |          |                   |           |                          |                  |
| Madison               |                              |   |                                       |          |                   |           |                          |                  |
| All Types of Practice | 3                            | 1                                       | -1-                                   | 1        | 48                | -         | es_ol Pr                 |                  |
| General Practitioner  | 3                            | 1                                       | _/                                    | 1        | 225               | 191917    | 0.25677                  | _                |
| Specialists           | _                            |   | _                                     | _        | - i               |           |                          | Latrens          |
| Oral Surgeon          | - "                          | -                                       | _                                     | _        |                   |           | noagius                  |                  |
| Orthodontist          | _                            | 1                                       |                                       | = -      | £                 | _         |                          | - min n <u>0</u> |
| Pedodontist           | _                            |   | -                                     | _        | _                 |           |                          | nobe <u>s</u>    |
| Periodontist          | _                            | -                                       |                                       | =        |                   | -         | dv <u>a</u> tjaje        | OLESS.           |
| Marion                |                              |   |                                       |          |                   |           |                          |                  |
| All Types of Practice | 10                           | 2                                       | 2                                     | 3        | S 1 :             | antijk ti | 1 2                      | LIVI III         |
| General Practitioner  | 10                           | 2                                       | 2                                     | 3        | 1                 |           | 111002                   | Cambara 1        |
| Specialists           |                              | <u>-</u>                                | 100                                   | _        |                   |           | 8 <u>1</u> 81            | . pacial         |
| Oral Surgeon          | _                            | 12.00                                   |                                       | _        |                   |           | goagani                  | Lşu <u>O</u>     |
| Orthodontist          |                              | 100                                     |                                       |          |                   | -         | reland                   | @xtbloc          |
| Pedodontist           |                              | -                                       |                                       | <u>-</u> |                   |           | dal <u>d</u> mo          | boba <u>d</u>    |
| Periodontist          | -                            | -                                       | -                                     | -        |                   | ·= '      | terigol                  | <u>li</u> erto:  |
| Polk                  |                              |   |                                       |          |                   |           |                          |                  |
|                       | 149                          | 7                                       | 31                                    | 45       | 41                | 13        | 12                       | smrTALLA         |
| All Types of Practice | 120                          | 6                                       | 26                                    | 33       | 35                | 10        | 10                       | Leggeral         |
| General Practitioner  | 29                           | 1                                       | 5                                     | 12       | 6                 | 3         | 2                        | ile medic        |
| Specialists           | 6                            |   | 1                                     | 2        | 1                 | 2         | nosazot                  | Line Direction   |
| Oral Surgeon          | 12                           | <u> </u>                                | 1                                     | 6        | 3                 | 1         | dalgini.                 |                  |
| Orthodontist          |                              |   | 2                                     | 4        | 2                 |           | an Alleno                |                  |
| Pedodontist           | 9                            | 1                                       | 1                                     | 4        | yes               |           | 7.0                      | elreg"           |
| Periodontist          | 2                            | _                                       | 1                                     |          |                   | ,         | 1                        |                  |
| Story Story           |                              |   |                                       |          |                   |           |                          |                  |
| All Types of Practice | 19                           | 1                                       | 3                                     | 6        | 5                 | 3         | . 1 . 14 <b>1</b> 89     | ed.K.J. T.F.V.   |
| General Practitioner  | 16                           | 1                                       | 2                                     | 5        | 5                 | 2         | 111011                   | Constant.        |
| Specialists           | 3                            | -                                       | 1                                     | 1        |                   | 1         |                          | LLS Poor         |
| Oral Surgeon          | - S#1.44 P                   | - <del>-</del> -                        | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |          | _                 | - 1       | 1.00/1200                |                  |
| Orthodontist          | 3                            |   | 1                                     | 1        |                   | 1         | 3873701                  |                  |
| Pedodontist           | <u> </u>                     |   | -                                     |          | -1, <u>-1,</u> -1 | _         | 263200                   |                  |
| Periodontist          |                              |   |                                       | -        |                   | _         | - Blanci                 | series           |
| Warren                |                              |   |                                       |          |                   |           |                          |                  |
| All Types of Practice | 5                            | · 4                                     | 1                                     | 3        | 4 <u>5</u> 1      | 45,410    | as _c.f. Pt              | All Type         |
| General Practitioner  | 5                            |   | 1                                     | 3        | <u>_</u>          | Town !    |                          |                  |
| Specialists           |                              | -                                       | _                                     |          |                   | _         | lais<br>Su <u>r</u> geor | laroùg -         |
| Oral Surgeon          | $= \overline{\underline{1}}$ | _                                       | 1 2                                   | _        |                   | _         | 700 E                    | katt.            |
| Orthodontist          | ne 189                       | -                                       |                                       | _        | - <u>-</u>        | _         |                          |                  |
| Pedodontist           | 11                           | 1 =                                     | - <u>-</u>                            |          | _                 | _         | and the                  |                  |
| Periodontist          |                              | _                                       |                                       | n IV     | _                 | _         | det <u>i</u> t de        | with a Tr        |
| Terronomerse          | -                            |   | _                                     | _        | -                 |           | _                        | 0                |

Number of Dentists by State, Region and County, and Type of Practice, by Age of Dentists (continued)

| County and   All   Type of Practice   Ages   -29   30-39   40-49   50-59   60-69   70+   Stated  | Trans of Personalist      | Assert | ., 9 q.  | 30-30    | 40-41               | S De Ali |          |                       |  |
|--|---------------------------|--------|----------|----------|---------------------|----------|----------|-----------------------|--|
| Region 12  | County and                | A11    |          |          |                     | Lik      |          | b                     | Not  |
| All Types of Practice 26 1 7 6 5 6 1 -  General Practitioner 25 1 7 5 5 6 1 -  Specialists 1 1  Oral Surgeon  Pedodontist 1 1  Periodontist  Audubon  All Types of Practice 2 2 2  General Practitioner 2 2  Oral Surgeon  Oral Surgeon  Oral Surgeon  Periodontist  Oral Surgeon  Periodontist  Carroll  All Types of Practice 8 - 2 3 1 2  | Type of Practice          | Ages   | -29      | 30-39    | 40-49               | 50-59    | 60-69    | 70+                   |  |
| All Types of Practice 26 1 7 6 5 6 1 -  General Practitioner 25 1 7 5 5 6 1 -  Specialists 1 1  Oral Surgeon  Pedodontist 1 1  Periodontist  Audubon  All Types of Practice 2 2 2  General Practitioner 2 2  Oral Surgeon  Oral Surgeon  Oral Surgeon  Periodontist  Oral Surgeon  Periodontist  Carroll  All Types of Practice 8 - 2 3 1 2  | The new types at rearries | 7      |          |          |                     |          |          |                       |  |
| General Practitioner   25  | Region 12                 |        |          |          |                     |          |          |                       |  |
| General Practitioner 25 1 7 5 5 6 1  | All Types of Practice     | 26     | 1        | 7        | 6                   | 5        | 6        | 101                   | CONT ELA TE  |
| Specialists  | General Practitioner      | 25     | 1        | 7        | 5                   |          |          |                       |  |
| Orthodontist   | Specialists               | 1      | -        | -        | 1                   | _        | _        |                       |  |
| Orthodontist   | Oral Surgeon              |        | -        | -        | =                   | _        | _        | good Tul              | fare 1   |
| Pediodontist   | Orthodontist              | _ 1    | 100      |          | 1                   |          | _        |                       |  |
| Audubon  All Types of Practice 2 2 2 2   | Pedodontist               |        |          | -,       | _                   | 3000     | -        | ralino                | hobet Y  |
| Audubon  All Types of Practice   | Periodontist              | _      | _        |          | =                   |          | -        | 1 a la tample         | Terlo  |
| All Types of Practice 2  |                           |        |          |          |                     |          |          |                       |  |
| General Practitioner 2   | Audubon                   |        |          |          |                     |          |          |                       |  |
| General Practitioner   2   | All Types of Practice     | 2      | -        | 4        | _                   | 2        | ankros.  | rī lo <del>ri</del> e | evT FLA T  |
| Specialists  | General Practitioner      | 2      | -        | _        | _                   | •        |          |                       | Larantell-   |
| Orthodontist   | Specialists               |        | -        |          | _                   | _        | _        | 0 Te 1                | Sector   |
| Orthodontist   | Oral Surgeon              | _      |          | <u> </u> | _                   |          |          | monac Tel             | Laxo   |
| Pedodontist  | Orthodontist              | _      | _        |          |                     | -        | _        |                       |  |
| Carroll  All Types of Practice   | Pedodontist               |        | - 1      |          | vel <del>u</del> s. |          | -        |                       |  |
| Carroll  All Types of Practice   | Periodontist              |        | <u>-</u> |          | _                   | -1       | -1       |                       |  |
| All Types of Practice 8 - 2 3 1 2 Specialists 1 - 1 - 1  |                           |        |          |          |                     |          |          |                       |  |
| All Types of Practice 8 - 2 3 1 2 Specialists 1 - 1 - 1  | Carroll                   |        |          |          |                     |          |          |                       |  |
| General Practitioner   7   |                           | 8      |          | 2        | 3                   | 1        | 2        | er St. Teachers       |  |
| Specialists  |                           |        |          |          |                     |          |          |                       |  |
| Oral Surgeon   |                           | 1      |          | _        |                     | 66.      | Tarific) |                       | A STATE OF THE STA |
| Orthodontist   |                           |        |          |          | -                   | 2 -      |          | 6.2.87                | tanango .  |
| Pedodontist       - <td< td=""><td></td><td>1</td><td>12.</td><td>4</td><td>1</td><td>b 2 -</td><td></td><td></td><td></td></td<>  |                           | 1      | 12.      | 4        | 1                   | b 2 -    |          |                       |  |
| Periodontist   |                           |        | 2        | _        | _                   |          | _        |                       |  |
| Crawford  All Types of Practice 6 - 3 1 - 2  |                           | _      | _        | _2,      |                     | X -      | _        |                       |  |
| All Types of Practice 6 - 3 1 - 2 Specialists  | Allerand                  |        |          | 2        |                     |          |          |                       |  |
| All Types of Practice 6 - 3 1 - 2 Specialists  | Crawford                  |        |          |          |                     |          |          |                       |  |
| General Practitioner       6       -       3       1       -       2       -       -         Specialists       -   |                           | 6      | _        | 3        | 1                   | A        | 2        |                       |  |
| Specialists  |                           |        | 0        |          |                     | ET       | 2        | XX 30 91              | MAI TTY  |
| Oral Surgeon   |                           |        | E.       | -        |                     | 0.T      | INTOL    | 1412573               | TEXMERS !  |
| Orthodontist   | •                         | _      | 2.       | 2.5      | _                   |          |          | 678                   | 1. a.peg.a   |
| Pedodontist       - <td< td=""><td></td><td></td><td></td><td>_</td><td>_</td><td>-</td><td></td><td>BORRING</td><td>I LENG_</td></td<>  |                           |        |          | _        | _                   | -        |          | BORRING               | I LENG_  |
| Greene       All Types of Practice       4       1       1       1       1       -   |                           |        | <u> </u> |          | _                   | €        | _        |                       |  |
| Greene All Types of Practice   |                           |        | _        | _        | 2.00                |          | _        |                       |  |
| All Types of Practice  | reliodoneisc              | - 71   |          |          |                     |          |          |                       |  |
| All Types of Practice  | Cross                     |        |          |          |                     |          |          |                       |  |
| General Practitioner       4       1       1       1       1       -   |                           |        | 1        | 1        | 1                   | 1 -      |          |                       | 759 775  |
| Specialists       - <td< td=""><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>  |                           |        | 1        |          |                     |          |          |                       |  |
| Oral Surgeon   |                           | _ 4    | 1        | 1        | 1                   | Ç 1      | TOTAL    |                       |  |
| Orthodontist   | •                         | _      | _        |          | -                   | -        | _        |                       |  |
| Pedodontist  |                           |        | -        | -        | -                   |          | -        |                       |  |
| The second secon |                           | -      | =        | -        |                     | _        | _        |                       |  |
| Tellodomeist Jalifebolyet  |                           |        | -        | -        | -                   | -        | _        |                       |  |
|  | relindourist              |        | =        | -        | -                   | -        | _        | 39/370                | reriod   |

Number of Dentists by State, Region and County, and Type of Practice, by Age of Dentists (continued)

| County and                   | A11      |     |     |       |            |              |                         |   | Not                    |
|------------------------------|----------|-----|-----|-------|------------|--------------|-------------------------|---|------------------------|
| Type of Practice             | Age      | es  | -29 | 30-39 | 40-49      | 50-59        | 60-69                   | 70+                                     | Stated                 |
| Guthrie                      |          |     |     |       |            |              |                         |   |                        |
|                              |          |     |     |       |            |              | * *                     |   |                        |
| All Types of Practice        |          | 1   | -   |       | 1          | -            | _                       | -                                       | - dar drugs            |
| General Practitioner         |          | 1   | _   | 4 -   | 1          | -            | Physics from            | TO APO                                  | THE T                  |
| Specialists                  |          | -   | -   | 4 -   | -          | 2 _          | . 1876 <del>L</del> 747 | out!-D                                  | Tausi <u>l</u>         |
| Oral Surgeon<br>Orthodontist |          |     | -   | _     | -          | _            | , <del>-</del>          | 27 LL                                   | 20-02                  |
| Pedodontist                  |          | -   | _   | _     | -          |              | d                       | sgru2 l                                 | Daly Ci                |
|                              |          | _   | _   | _     | -          | _            | - 30                    | iono bu                                 | 1310 -                 |
| Periodontist                 |          | _   | _   | _     | _          | _            | - 3                     | 83 m <b>2</b> 00                        | rha'l _                |
| Radica 14                    |          |     |     |       |            |              |                         |   | den                    |
| Sac                          |          |     |     |       |            | , ,          | e e                     |   |                        |
| All Types of Practice        |          | 5   | -   | 1     | 4          | 1            | 2                       | 1                                       | <u>uli 121</u>         |
| General Practitioner         |          | 5   | -   | - 1   | -          | 1            | 2                       | 13 - 14                                 | 1                      |
| Specialists                  |          | -   | _ 1 | -     | _          | 8 _          | 15mo-23 ( 2             | ourd-li                                 | Tarra                  |
| Oral Surgeon                 |          | -   | -   |       | _          | - <u>-</u>   | _                       | .mali.                                  | abpase da              |
| Orthodontist                 |          | -   |     |       | -          | -            | - 310                   | artu <u>a</u> 1                         | 870 -                  |
| Pedodontist                  |          | -   | -   |       | _          | - 1 <u>-</u> | - 21                    | Z TITOL C                               | ima 🕳                  |
| Periodontist                 |          | _   | -   | _     | '          | _            | - 1                     | eliteAbo                                | - Fede                 |
|                              |          |     |     |       |            |              |                         |   |                        |
| Region 13                    |          |     |     |       |            |              |                         |   |                        |
| All Types of Practice        | 6        | 3   | -   | 16    | 15         | 17           | 11                      | 4                                       | rager <u>u</u> anok    |
| General Practitioner         | 5        | 7   |     | 13    | 13         | 17           |                         | 4                                       | PT (12                 |
| Specialists                  |          | 6   | _   | 3     | 2          | 8 -          | rand1:1kg               | 2007                                    | ·                      |
| Oral Surgeon                 |          | 2   |     | - 2   | - <u>-</u> | _            | _                       | a radif                                 | 1 Program at           |
| Orthodontist                 |          | 4   |     | - 1_  | 2          |              | 1 ==0                   | stratural in                            | 77                     |
| Pedodontist                  | = ,      | _   | _   | _     | _          | _            | - 1                     | Faranka.                                |                        |
| Periodontist                 | with the | _   | -   |       | _          | _            |                         | nd re-br                                | Emili .                |
|                              |          |     |     |       |            |              | - 10                    | in one                                  |                        |
| Cass                         |          |     |     |       |            |              |                         |   |                        |
| All Types of Practice        |          | 3   | -   | 3     | 2          | _            | 2                       | 1                                       |                        |
| General Practitioner         |          | 7   | 1 - | 3     | 1          | 0.5          | 2 2                     | 1                                       |                        |
| Specialists                  |          | L   | _   | £ -   | 1          | 9            | Z .                     | in all and                              |                        |
| Oral Surgeon                 |          |     |     |       | _          | 7            | SIGNAL CHARLES          | Jan 1 3                                 |                        |
| Orthodontist                 | 1        | L   | 4.2 | -     | 1          | _            | . <del></del>           | - 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1 | 27 25 6 <del>-</del> 2 |
| Pedodontist                  | -        |     |     | _     | _          | T            | no                      | 6) 10 <del>-0</del> 1                   |                        |
| Periodontist                 |          | -   |     | L     | -          | -            | - 13                    | F.d. suebox                             |                        |
|                              |          |     |     |       | _          | _            |                         | ay teatr                                |                        |
| remont                       |          |     |     |       |            |              |                         |   |                        |
| All Types of Practice        | ,        |     |     | 1     |            | -            |                         |   |                        |
| General Practitioner         | 7 6      | 2   | p - | 1     | _          | 1-           | <b>-</b> *-             |   | 73W1105                |
| Specialists                  | 6 4      |     | 3   | 1     | _          | 1-           | 3271744                 | to sage                                 |                        |
| Oral Surgeon                 | -        | 100 |     |       | -          | C 2          | TRIGITI                 | DETELS                                  | 1 2 8 C F              |
| Orthodontist                 |          |     |     | ē -   | _          | -            | _                       | 01011                                   | 113502                 |
| Pedodontist                  | _        | -   | 7   | A -   | _          | -            |                         |   | BITT.                  |
| Periodontist                 | -        |     |     | -     | _          | 7 -          |                         | l daubni                                |                        |
| rerrodontist                 | -        |     | _   | _     | _          | -            | - 1                     | e balancia.                             | 1 - 1 1 L              |

Number of Dentists by State, Region and County, and Type of Practice, By Age of Dentists (continued)

|                             |         |   |                  | V                    | ALL          | . Consty and .   |  |  |
|-----------------------------|---------|---|------------------|----------------------|--------------|--|--|--|
| County and                  | A11     | 63-64   | 20-39            | 62-                  |              | Not  |  |  |
| Type of Practice            | Ages    | -29   | 30-39            | 40-49                | 50-59        | 60-69 70+ Stated   |  |  |
|                             |         |   |                  |                      |              | All Types of Pracrice  |  |  |
| Harrison                    | -       |   |                  |                      | 1            | remolitizer Liarancii  |  |  |
| All Types of Practice       | 2       | 1 1-  | 1                |                      | T            | 1 And Antasmi  |  |  |
| General Practitioner        | 2       |   | - 1              | - 5-                 |              | - Oral -Oraceon -  |  |  |
| Specialists                 | - 1 TH. |   |                  | . 1=                 |              | - Orthe-lontisc -  |  |  |
| Oral Surgeon                | -       |   |                  |                      | _            | - ralignabohed -   |  |  |
| Orthodontist                | - 1     |   | -                | 4_                   | _            | - Paris-ontsi -  |  |  |
| Pedodontist                 |         |   |                  |                      |              |  |  |  |
| Periodontist                | _       | _   | -                |                      | 117          |  |  |  |
| Mills                       |         |   |                  |                      | E .          | All Types of Practice  |  |  |
| All Types of Practice       | 2       |   |                  | - 1                  | 1 1          | - Procedulation -  |  |  |
| General Practitioner        | 2       |   |                  | 1                    | _ 1          |  |  |  |
| Specialists                 |         | _   |                  |                      | <del>-</del> |  |  |  |
| Oral Surgeon                | _       |   | 30. <del>-</del> |                      |              | makangd-miazo -  |  |  |
| Orthodontist                |         |   | 1 mg -           | · · · · · ·          | 4,000        | Sedujijikles   |  |  |
| Pedodontist                 |         | , <u>, , , , , , , , , , , , , , , , , , </u> |                  | 1                    |              | ablandbaral  |  |  |
| Periodontist                |         | 1 m 1 m 2 m                                   | The second       | 5 + 5 - <del>-</del> |              |  |  |  |
| rerrouonerse                |         |   |                  |                      |              |  |  |  |
| Montgomery                  |         |   |                  |                      | 10.34        | Marianara to congr IIA   |  |  |
| All Types of Practice       | 6       | - 1   |                  |                      | 4            | Torotti Toriti Zinio Ji  |  |  |
| General Practitioner        | 6       |   | ·                | -07 <del>-</del>     | 4            | 2 - Big 2talbag -  |  |  |
| Specialists                 |         | -   |                  |                      | I =          | - mosgrad Lavo -   |  |  |
| Oral Surgeon                | _ = =   |   |                  | , in                 | - A          | _ = delinononian, =  |  |  |
| Orthodontist                |         | 1,00  | 100.0            |                      |              | jelodoniini -  |  |  |
| Pedodontist                 | 10 Tab  | -   | -                | _                    |              | _ Talingonian -  |  |  |
|                             | 97.4    | · · · -                                       |                  |                      |              | , - · · · · · · · · · · · · · · · · · ·  |  |  |
| Periodontist                |         |   |                  |                      |              |  |  |  |
| Page                        |         |   |                  |                      | 8            | All lypes of Fractice  |  |  |
| Page All Types of Practice  | 10      | 3 -   | 2 3              | 1                    | 3            | ango 3. Frakal Takisana  |  |  |
| General Practitioner        | 9       |   | 3                | 1                    | _ 3          | 2 2 ciallalaga   |  |  |
|                             | _ 1     |   |                  |                      |              | 1 moograf Larg -   |  |  |
| Specialists                 |         |   |                  | _                    |              | garagobatarQ -   |  |  |
| Oral Surgeon                | _ 1     | - 2   |                  | _                    |              | _ 1 Jaiquebabel -  |  |  |
| Orthodontist                |         | _   |                  |                      |              | - Feriodoniist -   |  |  |
| Pedodontist                 | _       | _   | pr               | , a -                | _            |  |  |  |
| Periodontist                |         |   |                  |                      |              |  |  |  |
| Pottawattamie               |         |   | I                |                      |              | All Types of Fractice  |  |  |
| All Types of Practice       | 29      | 1 -   | 117              | 9                    | \$ 1.7       | 5  |  |  |
| General Practitioner        | 25      |   | 4                | 8                    | - I 7        |  |  |  |
| Specialists                 | _ 4     |   | - 3              | _ 1                  |              | _ nobgaud 1930   |  |  |
| Oral Surgeon                | 2       |   | 2                |                      |              | - Orthodoglist -   |  |  |
|                             | 0       | -   | 1                | - 1                  |              | - Padodeniilat -   |  |  |
| Orthodontist                | _ 2     |   | -                |                      |              | and the second s |  |  |
| Orthodontist<br>Pedodontist |         |   | -                |                      | ,            | - Perladoniter -   |  |  |

Number of Dentists by State, Region and County, and Type of Practice, By Age of Dentists (continued)

|                       | Charles    | America's me |               |                 |              |                     |                       |                         |
|-----------------------|------------|--------------|---------------|-----------------|--------------|---------------------|-----------------------|-------------------------|
| County and            | A11        | tel bene     |               |                 |              |                     |                       |                         |
| Type of Practice      | Ages       | -29          | 30-39         | 40-49           | 50-59        | 60-69               | 70+                   | Not                     |
| A LIMIT FOR EASTER DA | William.   | 433          | 30 -75        |                 | 30 33        | 00-09               | 70+                   | Stated                  |
|                       |            | University.  |               |                 |              |                     | ooldner               | The second              |
| Shelby                |            |              |               |                 |              |                     |                       |                         |
| All Types of Practice | 4          | -            | 1             | 2               | 1            | -                   | -                     | -                       |
| General Practitioner  | 4          | _            | 1             | 2               | 1            | 2                   | -                     | 11, <del>2</del> 5.560  |
| Specialists           | _          | _            | 2 -           | - 2             | E            | Practice            | 30 adqt               | TILE                    |
| Oral Surgeon          | _          | -            | 2 =           | ~ <u>-</u>      |              | Makes Little        | laka¶4De              | Lans                    |
| Orthodontist          | _          |              | -             |                 |              | - =                 | str <u>e</u> ls       | dinog E.                |
| Pedodontist           | _          | _            |               | ~ _             | - 27         | - E 100             | agra# J               | 450 -                   |
| Periodontist          | _          | -            |               | -               |              | 2.30                | ildnə <b>z</b> eri    | Elemi) 🖃                |
|                       |            |              |               |                 |              |                     |                       |                         |
| Region 14             |            |              |               |                 |              |                     |                       |                         |
| All Types of Practice | 17         | 2            | 3             | 1               | 4            | 1                   | 6                     | -                       |
| General Practitioner  | 17         | 2            | 3             | 1               | 4            | 1                   | 6                     | -blowneld               |
| Specialists           | . =        | 100          | -2            | - 2             | 8 2          | Przerice            | i sagy                | T 154                   |
| Oral Surgeon          | 1 =        |              |               | - <u>- 2</u>    | 2 - 2        | man p <u>P</u> dila | ali-Prac              | marej <del>a</del>      |
| Orthodontist          | -          | -            | - 2           |                 |              | _                   | rovitia               | Areq-                   |
| Pedodontist           | _          | _            | ==            | 100             | No.          | . = 30              | eranê 1               | - 0 cm                  |
| Periodontist          |            | 0.00         |               | - <u>- 2</u>    | -            | = 31                | akėno <del>k</del> ad | Had =                   |
| - Latroada (178) -    |            |              |               |                 |              |                     |                       |                         |
| Adair                 |            |              |               |                 |              |                     |                       |                         |
| All Types of Practice | 4          | -            | -             |                 | 1            | 1                   | 2                     | _                       |
| General Practitioner  | 4          | _            | 2             | 100             | 1            | 1                   | 2                     | Tay inc                 |
| Specialists           | - 4        | ~            | 1.2           | 100 <u>14</u> 0 | 2            | Pricetee            | lo seco               | T LLA                   |
| Oral Surgeon          | - 1        |              | 1.4           |                 | 3 1          | Tano kto            | log i Tali            | Transa 2                |
| Orthodontist          | _          |              | 100           |                 | 400          | -                   | aldets                | doseth.                 |
| Pedodontist           |            | 2.0          |               | <u>-</u>        | 7            | no                  | egro2 I               | a 10 -                  |
| Periodontist          |            |              | 7.2           | to the state of | -            | - 21                | kanaka l              | 730 -                   |
| refroductist          |            |              |               |                 |              |                     |                       |                         |
| Adams                 |            |              |               |                 |              |                     |                       |                         |
| All Types of Practice | 1          | 1            | . 1.4         |                 | _            | _                   | _                     | _                       |
| General Practitioner  | 1          | 1            | 100           | =1              | _            | . 4                 | _                     | in in in                |
| Specialists           | 2          | 1.2          | - 12          | 4. 4            | Δ            | 85335475            | to reav               | T 114                   |
| Oral Surgeon          | 201        | 454          |               | 7 X 2           | A 2          | rano-til.           | sari-la               | Tana D                  |
| Orthodontist          | <u></u>    | 40.40        |               |                 | -            | _                   | alakla                |                         |
| Pedodontist           |            |              |               |                 |              | - 80                | l <del>f</del> urge   |                         |
| Periodontist          | - <u>-</u> | - 120        |               | -               |              |                     | Linckon               |                         |
|                       |            |              |               |                 |              |                     |                       |                         |
| Clark                 |            |              |               |                 |              |                     |                       |                         |
| All Types of Practice | 1          |              |               | -               | _            | _                   | 1                     | _                       |
| General Practitioner  | 1          | 120          | 1 =           |                 | <u> </u>     | 7                   |                       | Regi <del>a</del> no di |
| Specialists           | 시 글        | 0.0          | 1 / XA        | I _             | <u>1</u> 164 | POLITO NEW Y        | to regy               |                         |
| Oral Surgeon          | 7 =        | · · · · · ·  | 19 m <u>-</u> | 1 =             | 3.9          |                     | neri-le               | recon w 2               |
| Orthodontist          | d ==       | · 1 -        | 18 =          | -               | 8 =          | _                   | mie-Lla               | Armora                  |
| Pedodontist           |            | 1            | - J) <u>-</u> |                 | 2            | _ 70                | L Burge               |                         |
| Periodontist          | I _        | 1 2          | L =           |                 | _            |                     | Jano-kou!             |                         |
| - OT TOROILETSE       |            |              |               |                 |              |                     | The second second     |                         |

Number of Dentists by State, Region and County, and Type of Practice By Age of Dentists (continued)

| County and                  | A11   |    |     |              |                             |              | Not   |
|-----------------------------|-------|----|-----|--------------|-----------------------------|--------------|---|
| Type of Practice            | Ages  | S  | -29 | 30-39        | 40-49                       | 50-5         | 9 60-69 70+ State   |
|                             | Г     |    | Š.  | Ī            | -                           | 1            | All Types of Fractice   |
| Decatur                     |       |    |     |              |                             |              | TencislyLa W Larshall   |
| All Types of Practice       |       | 3  |     | 2            |                             | _            | Special Legal   |
| General Practitioner        |       | 3  | -   | 2            |                             | -            | - orat Luracon  |
| Specialists                 |       | -  |     | , <u>-</u> - |                             | _            | Ofthe Continue -  |
| Oral Surgeon                |       |    | -   | _            |                             |              | Pedodone: 77  |
| Orthodontist                |       |    | _   | _            | _                           |              | Per indunt et   |
| Pedodontist                 |       | _  | _   | -            | _                           | -            |   |
| Periodontist                |       |    | _   | _            |                             | _            | e literation  |
| Periodontist                |       |    |     |              |                             |              |   |
|                             |       |    |     |              |                             |              | General Practitioner  |
| Ringgold                    | iii . | 2  | A.  | -            | ~ <u>u</u>                  | 1            |   |
| All Types of Practice       |       | 2  | -   |              | 4                           | 1            |   |
| General Practitioner        |       | 2  | _   |              |                             | _            | Title 1 Title and the second and the second   |
| Specialists                 |       | _  | -   |              | -                           |              | antrenagra0   |
| Oral Surgeon                |       | _  |     |              | -                           | 400          | 3850000000  |
| Orthodontist                |       | -  | 100 | 2.7          |                             | - n          | - Salini-kalina   |
| Pedodontist                 |       | -  |     |              | -                           | -            | I   |
| Periodontist                |       | -  | -   |              | IS, \\\ \overline{\sqrt{2}} |              | 71.0  |
|                             |       |    |     |              |                             |              |   |
| Taylor                      |       |    |     |              |                             |              | Gynaral, Prucidicinal   |
| All Types of Practice       |       | 2  |     | 1            |                             | · · ·        | Specialists   |
| General Practitioner        |       | 2  | -   | 1            | -                           | <del>-</del> | Specialistes<br>Oral Jurgeon  |
| Specialists                 |       | 4  | 4 + | . 1          | 100                         | 200          | Orthodontiat  |
| Oral Surgeon                |       | _  | · · |              | -                           |              | Pedodelit ink   |
| Orthodontist                |       | -  | _   | 4            |                             | -            | Periodonadae  |
| Pedodontist                 |       |    | _   |              | -                           | -            |   |
| Periodontist                |       | _  |     | -            | _                           | -            | 21/03   |
| reriodontist                |       |    |     |              |                             |              |   |
| TT                          |       |    |     |              |                             |              |   |
| Union                       |       | 4  | 1   | 3 _3         | 1                           |              | 2   |
| All Types of Practice       |       | 4  | 1   | -            | 1                           |              | 2   |
| General Practitioner        |       | 4  | -   | _            | _                           |              | and brown hard 1900   |
| Specialists                 |       |    |     |              | _                           |              | Pedadoliciate   |
| Oral Surgeon                |       | _  |     | _            | _                           |              | 2 22 22 22 22 22 22   |
| Orthodontist                |       | _  | -   |              |                             |              | 200 Turnery 6 J   |
| Pedodontist                 |       | _  | _   |              | _                           |              |   |
| Periodontist                |       |    | _   | _            | _                           |              |   |
| - · 1/                      |       |    |     |              |                             |              |   |
| Region 15                   |       |    |     | 117          | 10                          |              | 8 7 7 -   |
| All Types of Practice       |       | 44 | 1   | 11           | 10                          |              |   |
| General Practitioner        | = ;   | 39 | _ 1 | 9            | 9                           |              | La 1887 188 4 18 18 18 18 18 18 18 18 18 18 18 18 18  |
| Specialists -               |       | 5  | -   | 2            | _ 1                         |              | L se in bodiso  |
| Oral Surgeon                |       | 2  |     | 1            | _                           |              | Tred about Jan  |
|                             |       | 3  | _   | 1            | 1                           |              | Periodontal -   |
| Orthodontist                |       | 9  |     | _            |                             |              | ALTHOUGH TO THE COLUMN TO THE |
| Orthodontist<br>Pedodontist |       | _  | -   |              | _                           |              |   |

Number of Dentists by State, Region and County, and Type of Practice, By Age of Dentists (continued)

| County and Type of Practice | All<br>Ages | -29   | 30-39        | 40-49  | 50-59      | 60-69           | 70+                   | Not<br>Stated |
|-----------------------------|-------------|-------|--------------|--------|------------|-----------------|-----------------------|---------------|
|                             |             |       |              |        |            |                 | 701                   | Stated        |
| Core of Precitive           |             |       |              |        |            |                 |                       | STREET.       |
| Appanoose                   |             |       |              |        |            |                 |                       |               |
| All Types of Practice       | 4           | _     |              | 1      | 1          | 1               | 13811                 | BT 3/F        |
| General Practitioner        | 4           | -     | 1-           | 1      | 1          | 1               | 1                     | 115-5         |
| Specialists                 | _           | 2-    | _            | 2-     | 2—         | 3-              | 10-371 T 10-3         | Dec. D        |
| Oral Surgeon                | _           | _     | _            | -      | 1-         | 200             | al totobe             | 43.43         |
| Orthodontist                | _           | _     | _            |        |            | -               | delino                |               |
| Pedodontist                 | -           |       | _            |        | -          |                 | al male               |               |
| Periodontist                | -           | -     | -            | -      | -          | -               | -                     | _             |
| Davis                       |             |       |              |        |            |                 |                       |               |
| All Types of Practice       | 3           | 20    | 1            |        | 1.2        |                 | -                     |               |
| General Practitioner        | 3           | 100   | i            |        | 8 1        | างสุดิโปโ       | 7.877                 | Geggera       |
| Specialists                 | - 1 -       |       |              |        | 1          | -               | Black                 | Specta        |
| Oral Surgeon                | _ 10        | 200   | - T          |        | 2 -        | - 0             | reyal <sup>t</sup> i. | Laro          |
| Orthodontist                | 1.6         | 10    | .1           |        | E          |                 | a lipobo              |               |
| Pedodontist                 |             | 100   | _            | _      |            |                 | Jad Jimb              |               |
| Periodontist                |             | _     | _            | -      |            |                 | alinobo.              |               |
|                             | ,=          |       | _            | -      | _          | -               | _                     | _             |
| Jefferson                   |             |       |              |        |            |                 |                       |               |
| All Types of Practice       | 5           | 1     | 2            |        | 1          | Part Track      |                       |               |
| General Practitioner        | 4           | 1     | 2            |        | 2 1        | Toute 1 g l     | Inter! 1              | o trade a T   |
| Specialists                 | 1           | т.    | 2            |        | -          | 1               | 115ts                 | Specia        |
| Oral Surgeon                | - 1         | _     | -            |        | 1          | <del>-</del> 10 | oas nine              | 470-          |
| Orthodontist                | 1           |       |              | -      | -          | 3               | al labor              | terrii -      |
| Pedodontist                 | 1           | -     |              | _      | 1          | _               | Jak John              | bef =         |
|                             | _           | -     | -            |        | _          |                 | altin <del>o</del> bo | Paradit =     |
| Periodontist                | -           | _     | -            | -      | -          | -               | -                     | -             |
| Lucas                       |             |       |              |        |            |                 |                       |               |
| All Types of Practice       | 2           | 10    | 1            | - 2    | <b>E</b> & | Prodettos       |                       |               |
| General Practitioner        | 2           | 2 -   | î            | 5      | 3.6        | regulat.        | anert L               | GRANDED       |
| Specialists                 |             | 1     | Ė            |        |            | 1               | 8181J                 | uks egin -    |
| Oral Surgeon                |             | 1     |              | - H-70 | - E        | -               | asgroß.               | arrol -       |
| Orthodontist                | E           | 100   | 1            |        | 3 -        | _               | rodāntis              | 1375 -        |
| Pedodontist                 |             | 45.0  | 1. 1940 in   |        | _          | -               | имі и Торо            | Pedic         |
| Periodontist                |             | 300   |              | , T    |            | - 3             | elup <del>o</del> uo- | transi =      |
| T CITOGONETEE               | _           | 17.00 |              | _      | -          | _               | -                     | -             |
| Mahaska                     |             |       |              |        |            |                 |                       |               |
| All Types of Practice       | 8           |       |              | 3      | 111        | palar uni       | 20 8091               |               |
| General Practitioner        | 8           | 7-2   | - <u>- 1</u> | 3      | 1          |                 | 3 1                   |               |
| Specialists                 | _           | 1     | - L          | 3      | 2 T        | 1               | 3                     |               |
| Oral Surgeon                |             | 1     |              |        | -          |                 | ongr <del>a</del> č J |               |
| Orthodontist                | - [         | -5    | - E          |        | 1 -        |                 | alan <del>a</del> ber |               |
| Pedodontist                 | 8           | -     |              |        | _          |                 | saks <del>a</del> obs |               |
| Periodontist                | _           |       | _            | _      | 56"        | 5 3             | aktu <del>o</del> bo. | 359-          |
| TOT TOUGHT IST              | _           | _     | -            | _      | _          | _               | _                     | -             |

Number of Dentists by State, Region and County, and Type of Practice, By Age of Dentists (continued)

| County and Type of Practice  | All<br>Ages    | -29        | 30-39   | 40-49       | 50-59        | 60-69         | Not<br>70+ Stated                      |
|------------------------------|----------------|------------|---|-------------|--------------|---------------|--|
| Salinantity and Pa-Oa        | PARA -         | 4.Z%       | XX, - VX  |             |              |               | HOR '                                  |
| Marie and the second         |                |            |   |             |              |               |  |
| Monroe All Types of Practice | . 3            |            | 2   | _           |              | 1             | 9800030                                |
| General Practitioner         | 3              | 4-5        | 2   | _           | - t-         | and the st    | All Types of                           |
| Specialists                  |                | 14.5       | _   |             | A            | r.bnd.r       | 13 SEC. 2   TY 7 65 PT                 |
| Oral Surgeon                 | - 3            | 100        | 77  |             | _            | -             | MANATORA                               |
| Orthodontist                 | 100            | N 100      | The Paris   |             | _            |               | INSTITUTE TEACH                        |
| Pedodontist                  |                | H 1        | integral  |             |              |               | 30000000000000000000000000000000000000 |
| Periodontist                 | - 5            | No. 1      |   |             | 300          |               | 337346700537                           |
| Tellodolicisc                | 244            | 74.        |   |             |              |               | Teriodiniiat                           |
| Wapello                      |                |            |   |             |              |               |  |
| All Types of Practice        | 12             | _          | 4   | 5           | 1            | n - 1 - 1     | a to Logge ITA                         |
| General Practitioner         | 8              | _          | 2   | 4           | 1,           | 1             | Liberta Intensa                        |
| Specialists                  | 4              | _          | 2   | 1           | _            | _             | an 1 trained                           |
| Oral Surgeon                 | 2              | -          | 1   | _           | _            | _             | - Oral Streen                          |
| Orthodontist                 | 2              | _          | 1   | 1           | _            | -             | Turinghod; 10                          |
| Pedodontist                  | _              | -          | -   | _           | _            | _             | -Pedcdentist                           |
| Periodontist                 |                | _          | -   | _           | _            |               | - Periodoniar                          |
| - Padalvatiat . "            |                |            |   |             |              |               |  |
| Vayne                        |                |            |   |             |              |               |  |
| All Types of Practice        | 2              |            | 1   | , <u> </u>  | 1            | eskijos       | All Types of P                         |
| General Practitioner         | 2              | -          | 1   |             | 1            | 921.2.2 218.3 | a au people and                        |
| Specialists                  |                | 100        | 2 <u>.</u>  |             | p            | 29009         | A STATE OF THE PARTY.                  |
| Oral Surgeon                 | L. L           | 1.17 m 2/m |   |             |              | _             | and the second                         |
| Orthodontist                 |                | 41         | 30.00   | _           |              |               | - Oral Surgadn                         |
| Pedodontist                  | E 25           | 100_1      |   | ·           | _            | _             | - Pedodemilst                          |
| Periodontist                 | 1 - 1-         |            | _   | _           | _            |               | - Pariodontist                         |
| - Potodentist -              |                |            |   |             |              |               |  |
| Region 16                    | 43             | 2          | 9   | 8           | 10           | 10            | 4 -                                    |
| All Types of Practice        | 38             | 2          | 8   | 7           | 8            | 10            | 3 7 7 7                                |
| General Practitioner         |                |            | 1   | 1           | 2            | 10            | kapana- Lamanaby                       |
| Specialists                  | 5              |            | 1   | 1           | 1            |               | arkiakunga                             |
| Oral Surgeon                 | 3              |            |   |             |              |               |  |
| Orthodontist                 | 2              |            | 1   | _           | 1            |               | - Orthodonales                         |
| Pedodontist                  | _              |            | , <del>, , , , , , , , , , , , , , , , , , </del> |             |              | -             | submatabatat.                          |
| Periodontist                 | <del>-</del> - |            | -   |             | 41, 74       |               | Taltabbolze?                           |
| Des Moines                   |                |            |   |             |              |               |  |
| All Types of Practice        | 17             | 1          | 5   | 3           | • 3          | 5             | ALL Types of Pa                        |
| General Practitioner         | 14             | 1          | 5<br>4<br>1                                       | 3<br>2<br>1 | * 3<br>2     | 5             | CEneral Vitactit                       |
| Specialists                  | 3              | 1 1        | 1   | - Ta        |              | 20270         | Special Stra                           |
| Oral Surgeon                 | 2              | -          | - 3   | 1           | 1            |               | roaguite land.                         |
| Orthodontist                 | 1              | -          | 1   | - 14        | 1            |               |  |
| Pedodontist                  | - 12           | -0.0       | ==  | and Mile    |              | _             | - Dribodparier                         |
| Periodontist                 | - 3            |            | -1  | 1           | - <u>-</u> 1 | _             | - Pedodericiet                         |
| Procedent lat -              |                | -          |   |             |              |               | - Periodontias                         |

Number of Dentists by State, Region and County, and Type of Practice, By Age of Dentists (continued)

| A11<br>Ages           | -29          | 30-39                                   | 40-49                                   | 50-59                                   | 60-69   | 70+   | Not<br>Stated                           |
|-----------------------|--------------|---|---|---|---|---|---|
| - 211.0-1             | apw warz     | 19 (2 11                                | 9:32.32394q                             | eperrupus a                             | MT 10 10  | saran pe  |   |
|                       | nebile b     | esto, teit                              | s thron La                              | each eithe.                             | s. 1.000.   | GC gassal   |   |
| 7                     | of the       | 1 "elar" P                              |   | 2                                       | un lean k   | LC TOTAL .  | _                                       |
| 7,00                  | 1            | Tin too                                 | - 1 nn                                  | 2                                       | ir ela .s   | analiana  | -                                       |
|                       |              | 11.17.10                                | the some                                | Cliler for                              | er TOLIG  | (ts) =  | -                                       |
| idax <del>a</del> bi  | marco A T    | e dale <del>n</del> er v                | er s <del>a</del> od a                  | re also th                              | row Tout!   | Laruws c  | _                                       |
| -                     | -            | -                                       | -                                       | -                                       | _   | -   | _                                       |
| -                     | _            |   | apulīco l                               | fore denta                              | ted Windin  | mab=uwo I   | -                                       |
| 11.9 <del>-</del> 11  | Be of a      | el contr <del>ib</del> on Tal           | li center orași                         | americanie                              | # Cross   | and Tuels   | -                                       |
|                       |              |   |   |   |   |   |   |
| wiger,                |              | had the                                 | of the day                              |   | ad Judge  |   |   |
|                       | esizīc s     | test 3                                  | Tires 300 A                             | a 5-lloo                                | La4mb   | 3 3 1 1 5   | _                                       |
| 16                    | A RITLE TO T | 3                                       | 3                                       | 4                                       | 4   | 2   | _                                       |
| om x2 0               | th Z5,00     | dities wi                               | ni Bevil                                | rigio <del>l</del> alar                 | ercent o  | g 91 bos  | -                                       |
| . 1                   | _            | -                                       | -                                       | _                                       | _   | 1   |   |
| alle <mark>l</mark> a | at Elect     | I DANGER ES                             | un deuris                               | of 11 , am                              | 35 perce  | , bxIdr s   | -                                       |
| _                     | _            | -                                       | _                                       | -                                       | -   | _   | -                                       |
| _                     | -            | -                                       | an 2,500.                               | ar legs th                              | dmo <del>n</del> eno                              | italuqoq  | -                                       |
|                       |              |   |   |   |   |   |   |
| 1                     |              | _                                       | 1                                       | _                                       | _   | _   | _                                       |
| ver 51.42             | P. C. Co.    | ha ind <del>a</del> wara                | 1                                       | anni Tanol                              | harts fame  | w athletd   |   |
| -                     | _            | -                                       |   | _                                       | _   | and the state of the state of                               | _                                       |
| l hallac              | ent_relo     | e 37 perc                               | Lidw adop                               | blaez DÓO,                              | 00 to 10.   | ž, Kadsina  | <u>-</u>                                |
| _                     | _            |   |   | - : 0 - ::                              | _   |   | _                                       |
| _                     | _            | _                                       | , hod:                                  | 30 populas                              | 0,62 748  | 81 7u 1c  | _                                       |
|                       | 7 7 7        | 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 | 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 7 1 1 1 1 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 | Ages -29 30-39 40-49 50-59  7 1 1 1 1 2 7 1 1 1 2 | Ages -29 30-39 40-49 50-59 60-69  7 1 1 1 1 2 1 7 1 1 1 2 1 | 7 1 1 1 2 1 1 1 7 1 1 1 1 2 1 1 1 1 1 1 |

the sense size. Another third went to the in larger effice where at least

25,000 people live.

A considerable proportion, A2 paragant of demilate from cities with 5.

from destal college. However, one-chief moved to larger cities of 25,000 or

ater populations.

tearly half, 44 percent of the deditate who formerly realded in cities

#### IV. LOCATIONS OF DENTISTS BY CITY SIZE

#### Table 6

Most of the dentists in Iowa are located in the larger cities. Actually, 60 percent of the dentists practice in 27 cities where the population is at least 10,000 in each city. Even larger sized cities, with 25,000 or more residents, are the locations for about half of the dentists in the state. The larger cities were also the home residence of a considerable proportion of Iowa dentists before dental college.

Among the dentists who stated the names of their home towns before entering dental college, 44 percent were from cities of 10,000 or more residents and 39 percent originally lived in cities with 25,000 or more inhabitants. Over a third, 35 percent, of Iowa dentists were reared in smaller towns where the populations number less than 2,500.

Three-fourths of the dentists from smaller home towns migrated to more highly populated locations. About one-third established practices in cities with 2,500 to 10,000 residents while 37 percent relocated in the larger cities of at least 25,000 population.

Within the group of dentists who are former residents of cities having 2,500 to 5,000 inhabitants, about a third established practices in cities of the same size. Another third went to the 16 larger cities where at least 25,000 people live.

A considerable proportion, 42 percent of dentists from cities with 5,000 to 10,000 people, decided to locate in the same sized cities after graduation from dental college. However, one-third moved to larger cities of 25,000 or greater populations.

Nearly half, 44 percent of the dentists who formerly resided in cities

with populations ranging from 10,000 to 25,000 established practices in cities of that size. The larger cities were selected by 38 percent.

Among the dentists from home towns of 50,000 to 100,000 inhabitants, nearly two-thirds chose to practice in the same sized cities: Council Bluffs, Dubuque, Sioux City, and Waterloo.

A majority, 7 of 10, of former Cedar Rapids, Davenport, and Des Moines residents decided to practice dentistry in the same cities (over 100,000 populations).

Apparently, as the size of a dentist's home town increases, from smaller classifications to larger, the probability of the dentist establishing a practice in a city of the same size also increases.

## V. EDUCATIONAL BACKGROUND OF DENTISTS

### Table 7

The University of Iowa College of Dentistry is the alma mater of the large majority of Iowa dentists. Graduates from the Iowa City college represent 80 percent of all the dentists in the state.

Considering the group of specialists, an even greater majority, 86 percent, completed their graduate work at the University of Iowa.

Creighton University School of Dentistry was the college of attendance for the largest number of the out of state graduates. The Omaha school can claim 44 percent of the Iowa dentists who attended dental college outside the Hawkeye State.

Table 6: Number of Dentists by City Size of Home Town
By City Size of Place of Practice

| City Size         |     | Under | to | to |    | to | to  | 100,000+ |
|-------------------|-----|-------|----|----|----|----|-----|----------|
| Total rallsma     |     |       |    |    |    |    |     | 210      |
| Under 2,500       | 364 | 91    | 52 | 71 | 15 | 48 | 28  | 59       |
| 2,500 to 5,000    |     |       |    |    |    |    |     |          |
| 5,000 to 10,000   | 123 | 13    | 7  | 52 | 10 | 21 | 10  | 10       |
| 10,000 to 25,000  | 50  | 4     | 2  | 3  |    | 9  | 7   | 3        |
| 25,000 to 50,000  | 141 | 14    | 9  |    | 5  |    |     | 15       |
| 50,000 to 100,000 | 156 | 12    | 8  | 12 |    | 8  | 102 | 10       |
| 100,000+          | 116 | 7     | 2  | 9  | 7  | 6  | 3   | 82       |
| Not Stated        | 142 | 16    | 12 |    | 13 |    | 26  | 18       |

the same size. Smather tairs went to the 16 larger styles shape at less:

A con-Iderable proportion, AZ percent of dentiate fight cities with 5,000

Iron destal college. However, one-third moved to legist drive of 25,600 or

Wearly helf, 44 percent of the dentist who forevery field of in cities

Table 7: Number of Dentists by Dental College of Graduation
By Type of Practice

| Dental College<br>of Graduation | All Types<br>Of Practice | General<br>Practitioner | All<br>Specialists               | Oral<br>Surgeon     | Ortho-<br>dontist | Pedo-<br>dontist | Perio-<br>dontist | Other |
|---------------------------------|--------------------------|-------------------------|----------------------------------|---------------------|-------------------|------------------|-------------------|-------|
|                                 |                          |                         |                                  |                     |                   |                  |                   |       |
| Michigan<br>Univ. of Detroit    | 2                        | 2                       | -                                | -                   | - 5               |                  | - "               | -     |
| Minnesota<br>Univ. of Minnesota | 14                       | 12                      | -                                | -<br>=;             | - 1               | 1                | -                 | 2     |
| Missouri                        | 1                        | 1                       | _                                | _                   | - 0 0             | <u>2</u> 5       | -                 | -     |
| Kansas City - Western           | 1<br>19                  | 15                      | 4                                | 1                   | 1                 | 2                | 성 - 및             | _     |
| St. Louis Univ.                 | 3                        | 2                       | 1                                | 1                   | - "               | <i>2</i> (c)     | - P               | -     |
| Washington Univ.                | 7                        | 4                       | _                                | -                   | - 9               | - 1              | 10 - 5            | 3     |
| Univ. of Kansas City            | 2                        | 1                       | 17                               | 1                   |                   | = 7              | 197 5             | _     |
| Not Stated                      | 2                        | 1                       |                                  |                     |                   |                  |                   |       |
| Nebraska                        |                          |                         |                                  |                     |                   |                  |                   |       |
| Creighton Univ.                 | 105                      | 102                     | 3                                | -                   | 2                 | 1                | -                 | _     |
| Univ. of Nebraska               | 16                       | 13                      | 1                                | -                   |                   | 1                |                   | 2     |
| Univ. Of Nebraska               | 10                       | 2                       |                                  |                     |                   |                  |                   |       |
| New York                        |                          |                         |                                  |                     |                   | _                | _                 | 1     |
| New York Univ.                  | 1                        | _                       |                                  | _                   |                   |                  |                   | 0.00  |
| Ohio                            |                          |                         |                                  |                     |                   |                  |                   |       |
| Ohio<br>Ohio State Univ.        | 3                        | Caperal                 | 1                                | 1                   | O Tis large       | 124              | _                 | 1     |
| Oregon Univ. of Oregon          | 1                        | Manhar of Dent          | in a by Tenta<br>Fire of Francis | eolit <u>a</u> e et | Gragos to         | - 5              | -                 | -     |
| D                               |                          |                         |                                  |                     |                   |                  |                   |       |
| Pennsylvania                    | 3                        | 1                       | 1                                | -                   | 1                 | -                | -                 | 1     |
| Univ. of Pennsylvania           | 3                        | 2                       | _                                | _                   | -                 | -                | -                 | 1     |
| Univ. of Pittsburgh             | 3                        | -                       |                                  |                     |                   |                  |                   |       |
|                                 |                          |                         |                                  |                     |                   |                  |                   |       |

Table

| D                               |                          |                               |                       |   |        |                    |                                       |       |
|---------------------------------|--------------------------|-------------------------------|-----------------------|---|--------|--------------------|---------------------------------------|-------|
| Dental College<br>of Graduation | All Types<br>Of Practice | General<br>Practitioner Speci | All<br>Specialists Su | Oral<br>Surgeon                         | Ortho- | Pedo-              | Perio-                                |       |
| Почас                           | 1,19e                    |                               |                       |   | 1000   | COULTSE            | dontist                               | Other |
| r Uni                           | 2                        | ,                             |                       |   |        |                    |                                       |       |
| Wisconsin<br>Marquette Univ.    | 207                      | 1 0                           | ;<br>[ [ ]            | r , , , , , , , , , , , , , , , , , , , | 1,12   | l <sub>im</sub> in | • • • • • • • • • • • • • • • • • • • | 1,2   |
| No.                             | 77                       | 0                             | 2                     | 1                                       | 2      | í                  | 1                                     | 2     |
| Not Stated                      | 3                        | 2                             | I                     | 1                                       | į      | Ţ                  |                                       | Ċ     |
|                                 | 7 1                      |                               |                       |   |        |                    |                                       |       |
|                                 |                          |                               |                       |   |        |                    |                                       |       |
|                                 |                          |                               |                       |   |        |                    |                                       |       |
|                                 |                          |                               |                       |   |        |                    |                                       |       |
|                                 |                          |                               |                       |   |        |                    |                                       |       |
|                                 |                          |                               |                       |   |        |                    |                                       |       |
|                                 |                          |                               |                       |   |        |                    |                                       |       |
|                                 |                          |                               |                       |   |        |                    |                                       |       |
| or Bring Roppeds .              |                          |                               |                       |   |        |                    |                                       |       |
|                                 |                          |                               |                       |   |        |                    |                                       |       |
|                                 |                          |                               |                       |   |        |                    |                                       |       |

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#### VI. OPERATORIES

# Table 8

The average number of operatories for dentists in general practice is two; the average number of operatories for specialists is three.

Although the type of practice is a factor, age doesn't seem to be a factor in determining the number of operatories utilized by Iowa dentists.

-71-

Table 8: Average Number of Operatories By Type of Practice and Age of Dentists

| TYPE OF PRACTICE      | MEAN                | MEDIAN |
|-----------------------|---------------------|--------|
| ALL TYPES OF PRACTICE | 2 to all sources of | 2      |
| GENERAL PRACTITIONER  | 2                   | 2      |
| ALL SPECIALIST        | 3                   | 3      |
| Oral Surgeon          | 3                   | 3      |
| Orthodontist          | 3                   | 3      |
| Pedodontist           | 3                   | 2      |
| Periodontist          | 3                   | 3      |
|                       |                     |        |
|                       |                     |        |
| AGE                   |                     | h y    |
| ALL AGE GROUPS        | 2                   | 2      |
| -29                   | 2                   | 2      |
| 30-34                 | 2                   | 2      |
| 35–39                 | 3                   | 2      |
| 40-44                 | 2                   | 2      |
| 45–49                 | 2                   | 2      |
| 50-54                 | 2                   | 2      |
| 55–59                 | 2                   | 2      |
| 60-64                 | 2                   | 2      |
| 65–69                 | 2                   | 2      |
| 70+                   | 2                   | 1      |

#### VII. AUXILIARY PERSONNEL

### mong the countred having the high 9 laber rape numbers of auxilia tes. in Casa

More dental assistants are employed by Iowa dentists than any of the other 4 types of auxiliary personnel. In fact, the number of full-time assistants exceeds the combined total of full-time hygienists, laboratory technicians, and secretary-receptionists.

Full-time secretary-receptionists, the second most numerous type of personnel, represent about a third the total full-time employees.

Nearly half of the part-time personnel are assistants. Actually, the number of part-time assistants is nearly twice the number of part-time secretary-receptionists and is more than double the number of hygienists.

Considerably more part-time hygienists are employed by dentists than full-time hygienists. Only 5 percent of the total full-time employees are hygienists, but hygienists represent 23 percent of the total part-time personnel.

### Table 10

Previous statements concerning the county locations of dentists in Iowa are also true regarding the locations of auxiliary personnel. As expected, Polk, Linn, Black Hawk, Scott, Woodbury, and Dubuque Counties are the places of employment for the largest numbers of auxiliary personnel. The one dentist in Louisa County employs no auxiliary personnel while one assistant is employed by each of the dentists in Clarke and Guthrie Counties. With the exception of Adams County, the smallest numbers of auxiliaries are located in the counties with the smallest number of dentists. Numbers alone can be useful, but another basis for comparing auxiliary personnel in different counties is the average number of auxiliaries employed by each dentist. The average for the state is 2.1.

The counties with the largest numbers of auxiliary personnel do not rank among the counties having the highest average numbers of auxiliaries. In Cass, Jasper, Warren, Audubon, and Butler Counties the averages range from 3.5 to 3.8 auxiliaries for each dentist. Averages in the six highly populated counties, mentioned previously, range from 1.9 to 2.5.

Appanoose and Allamakee Counties have an average of less than one assistant for each dentist. In five counties, each dentist employs the services of only one auxiliary - the same as the average in the counties with the fewest auxiliary personnel.

Just as large numbers of dentists don't necessarily indicate low populationdentists ratios, large numbers of auxiliary personnel don't always reflect high average numbers of auxiliaries. The same observation is true for small numbers of dentists and auxiliary personnel, only visa versa.

Table 9: Number of Auxiliary Personnel Employed by Dentists
At Time Of Survey

| Type of Personnel       | Full-time | Part-time |
|-------------------------|-----------|-----------|
| TOTAL                   | 1,815     | 664       |
| Hygienists              | 85        | 154       |
| Assistants              | 1,090     | 313       |
| Laboratory Technicians  | 44        | 39        |
| Secretary-Receptionists | 596       | 158       |
|                         |           |           |

UL BEGGE

Previous schipesetta geneerning the county locations of dentity in Iowa are

The former of Marketon with Physics to work the add and the part of the

About Shark should should be a small book & dispose should be a said

employment for the largest numbers of auxiliary parademist. The one dearler in

Louisa Coucty emigloys hel auxiliary personn. I while one assistant is employed by

anch of the dentists in Distre and Cuthrie Councies. With the enception of Ada

County, the smallset missions of anailiaries are located in the Countles with the

amallest number of decilate. Thunbern alone can be useful, but another basis for

to water and the statement for fall of farmers were and a statement of the same and the same and

auxilization employed by each doublet. The average for one state to 2.1.

-75-

Table 10: Number of Part-time and Full-time Auxiliary Personnel By State and County, By Type of Personnel

| County      | Total      | Hygienists              | Assistants                   | Laboratory<br>Technician        | Secretary-<br>Receptionists |
|-------------|------------|-------------------------|------------------------------|---------------------------------|-----------------------------|
| STATE       | 2,479      | 239                     | 1,403                        | 83                              | 754                         |
|             | y for each |                         |                              |                                 | Lateria n                   |
| Adair       | 6          | ekeyday 19miceis        | T WHITE A BUT                | Table 9: Narie                  | 2                           |
| Adams       | 3          | . mangal Jangson 2      | o parti is i A               | 1                               | ī                           |
| Allamakee   | 7          | 3888 - 4                | 6                            |                                 | 1                           |
| Appanoose   | ouse 3     | Li onalisia Gestrale    | - THE PERSON NAMED IN COLUMN | on Indo-Shark .                 | e entranación               |
| Audubon     | 7          | _                       | 5                            | 1                               | 1                           |
| Benton      | 9          | · El-Markettal (1996) . | PP - 4 - 4 - 4 - 4 - 4       |                                 | se of walls 5               |
| Black Hawk  | 164        | 14                      | 87                           | 9                               | 54                          |
| Boone       |            |                         |                              | tara nebel - <u>Ö</u> dd-Willia | ra si a condilatigaty       |
| Bremer      | 30         | 3                       | 17                           | _                               | 10                          |
| Buchanan    | ACI 11     | 28                      | 7                            | Rygianists                      | 4                           |
| Buena Vista | 19         | 2                       | 10                           | _                               | 7                           |
| Butler      | 7          | aberra 950 Habbata      | th slen's farrage            | elly distributed                | a ja potkatu <u>ž</u> em    |
| Calhoun     | 11         |                         | 8                            | _                               | 3                           |
| Carroll     |            |                         | military posterio            | of relegions of the classical   | direct with                 |
| Cass        | 30         | 5                       | 15                           | 2                               | 7                           |
| Cedar       |            | alliant 1               | i kuma esta 3 stare (d       | ge util prairie promise         | add are store               |
| Cerro Gordo | 65         | 6                       | 39                           | 2                               | 18                          |
| Cherokee    | 15         | 2                       | 9                            | _                               |                             |
| Chicksaw    | 6          | 2                       |                              |                                 | 4                           |
| Clarke      | 1          |                         | 3<br>1                       | _                               | 3                           |
|             | 24         | 2                       | 11                           | _                               | _                           |
| Clay        | 9          | 2                       |                              | 2                               | 9                           |
| Clayton     |            | 7                       | 7                            | -                               | 2                           |
| Clinton     | 53         | 6                       | 31                           | 1                               | 15                          |
| Crawford    | 14         | 1                       | 9                            | _                               | 4                           |
| Dallas      | 22         | 2                       | 15                           | -                               | 5                           |
| Davis       | 6          |                         | 4                            | 1                               | 1                           |
| Decatur     | 3          | - 20                    | 2                            | -                               | 1                           |
| Delaware    | 7          | _                       | 4                            | -                               | 3                           |
| Des Moines  | 38         | 3                       | 22                           |                                 | 13                          |
| Dickinson   | 16         | 1                       | 11                           | -                               | 4                           |
| Dubuque     | 92         | 10                      | 51                           | -                               | 31                          |
| Emmet       | 22         | 1                       | 14                           | -                               | 7                           |
| Fayette     | 14         | - 1                     | 7                            | 1                               | 6                           |
| Floyd       | 19         | 2                       | 13                           | -                               | 4                           |
| Franklin    | 11         | -                       | 8                            | -                               | 3                           |
| Fremont     | 3          | _                       | 2                            | -                               | 1                           |
| Greene      | 8          | -                       | 5                            | -                               | 3                           |
| Grundy      | 6          | -                       | 3                            | -                               | 3                           |
| Guthrie     | 1          | -                       | 1                            | -                               | -                           |
| Hamilton    | 17         | -                       | 11                           | -                               | 6                           |
| Hancock     | 8          | -                       | 6                            | _                               | 2                           |
| Hardin      | 18         | 1                       | 10                           | _                               | 7                           |

Number of Part-time and Full-time Auxiliary Personnel By State and County, By Type of Personnel (continued)

| County               |             | Hygienists                        | Assistants               | Laboratory<br>Technician           | Secretary-<br>Receptionists            |
|----------------------|-------------|-----------------------------------|--------------------------|------------------------------------|--|
| enal                 | LLT PLET    | consider for the co               | rendiat                  |                                    |  |
| Harrison             | E 3         | e Julius u <del>y</del> a s       | territorio e su 3 mit ma | differential t <del>o</del> e.D.   | - 1 등1: 분위                             |
| Henry                | 13          | 1                                 | 8                        |                                    | 4                                      |
| Howard               | turner din7 | , edito o cont <del>a</del> se    | and castly, 4 and 1      | akalik tani ma <del>r</del> mat di | in the search of the Sales Sales Sales |
| Humboldt             | 15          | 1                                 | 8                        | - 181                              | 6                                      |
| Ida                  | 4           | aries netengl                     | 59 E 30 E 9 3 cm 7       | n filosociama indi                 | 1 interest                             |
| Iowa                 | 7           | 1                                 | 5                        |                                    | 1 307                                  |
| Jackson              | 12          | 2                                 | 6                        | فكورين والمتناثل الكافات           | 4 1338                                 |
| Jasper               | 41          | 2                                 | 25                       |                                    | 14                                     |
| Jefferson            | 15          | 3.0                               | 8                        | Williams - All                     | 427450                                 |
| Johnson              | 88          | 21                                | 41                       | 6                                  | 20                                     |
| Jones                | 9           | with the series                   | 7 Statement of the       | and the second                     | 2                                      |
| Keokuk               | 10          |                                   | 7                        |                                    | 2 2 2 2                                |
| Kossuth              | 20          | entra de <del>la</del> composição | 13 N                     |                                    | 7                                      |
| Lee                  | 40          |                                   | 30                       |                                    | 10                                     |
| Linn                 | 170         | 27                                | 86                       | 4                                  | 53                                     |
| Louisa               |             |                                   | -                        |                                    | 33                                     |
| Lucas                | 3           |                                   | 2                        |                                    | 1                                      |
| Lyon                 | 7           |                                   | 5                        | August -                           | 1                                      |
| Madison              | 5           | _                                 | 3                        |                                    | 2                                      |
| Mahaska              | 15          | 1                                 | 10                       |                                    | 2                                      |
| Marion               | 19          | 1                                 | 12                       | 17 m                               | 4                                      |
| Marshall             | 43          | 1                                 |                          | Table   1                          | 6                                      |
| Mills                | 3           | 0                                 | 22                       | 2                                  | 13                                     |
| Mitchell             | 11          | -                                 | 2                        |                                    | 1                                      |
| Monona               |             | -                                 | 7                        | 1                                  | 3                                      |
| Monroe               | 3           | _                                 | 2                        |                                    | 1                                      |
|                      | 9           | 2                                 | 6                        | <u>-</u>                           | 1                                      |
| Montgomery           | 8           |                                   | 4                        | - A                                | 4                                      |
| Muscatine<br>O'Brien | 28          | 5                                 | 10                       | 1                                  | 12                                     |
|                      | 12          | 2                                 | 6                        | , . · · · -                        | 4                                      |
| Osceola              | 3           | -                                 | 2                        | _                                  | 1                                      |
| Page                 | 16          | -                                 | 9                        | _                                  | 7                                      |
| Palo Alto            | 8           | - <del>-</del>                    | 5                        | -                                  | 3<br>1<br>2                            |
| Plymouth             | 19          | 3                                 | 14                       | 1                                  | 1                                      |
| Pocahontas           | 7           | ~                                 | 5                        |                                    |  |
| Po1k                 | 374         | 42                                | 191                      | 21                                 | 120                                    |
| Pottawattamie        |             | 2                                 | 34                       | 3<br>3                             | 15                                     |
| Poweshiek            | 18          | 5                                 | 7                        | 3                                  | 3                                      |
| Ringgold             | 2           | -                                 |                          | -                                  | 3 2                                    |
| Sac                  | 7           | -                                 | 4                        | _                                  | 3                                      |
| Scott                | 145         | 23                                | 74                       | 4                                  | 44                                     |
| Shelby               | 8           | _                                 | 4                        | _                                  | 4                                      |
| Sioux                | 17          | -                                 | 12                       | -                                  | 5                                      |
| Story                | 54          | 8                                 | 26                       | 7                                  | 13                                     |
| Cama                 | 7           | _                                 | 5                        | -                                  | 2                                      |
| Taylor               | 6           | 1                                 | 4                        | _                                  | 1                                      |

Number of Part-time and Full-time Auxiliary Personnel By State and County, By Type of Personnel (continued)

|  |       |            |            | onnel (continued)        | Sancolary-                  |
|--|-------|------------|------------|--------------------------|-----------------------------|
| County   | Total | Hygienists | Assistants | Laboratory<br>Technician | Secretary-<br>Receptionists |
| And as discovery   |       |            |            |                          |                             |
| Union  | 13    | - 15 hills | 8          |                          | 5 noulry a                  |
| Van Buren  | 2     |            | 1          | T 27 07                  | 1 yami                      |
| Wapello  | 31    | 2          | 14         | 2                        | 13 hasvo                    |
| Warren   | 18    | 2          | 10         | 1 -7 11                  | 6 ab Lodani                 |
| Washington   | 11    |            | 7          |                          | 4 1 BD                      |
| Wayne  | 2     |            | 1          | 1 1 1                    | 1 awa                       |
| Webster  | 52    | 4          | 31         | 2 2                      | 15 008350                   |
| Winnebago  | 18    |            | 15         | £ [h                     | 3 Tagas                     |
| Winneshiek   | 19    | 2          | 13         | 25 - 3                   | 4                           |
| Woodbury   | 92    | 6          | 57         | 21 4 68                  | 25 gonado                   |
| Worth  | 4     | 1          | 2          |                          | 1 6860                      |
| Wright   | 12    |            | 8          | 0.1                      | . 4 "shales                 |
| The state of the s |       |            |            |                          |                             |
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|  |       |            |            |                          |                             |
|  |       |            |            |                          |                             |
|  |       |            |            |                          |                             |
|  |       |            |            |                          |                             |
|  |       |            |            |                          |                             |
|  |       |            |            |                          |                             |
|  |       |            |            |                          |                             |

Although, the average numbers of auxiliary personnel per dentist range from 1.5 in Region 1 to 2.7 for Region 7, the remaining regions all average about 2 auxiliary personnel for each dentist.

However, considerable differences exist concerning the numbers of auxiliary personnel in certain regions. Actually, more than half of all the auxiliary personnel, 52 percent are employed in Regions 7, 9, 10, and 11. Dentists in those same regions employ nearly half of the dental assistants, 49 percent.

About 6 out of 10 hygienists work in Regions 9, 10, and 11. Dentists in Regions 7, 10, and 11 employ 57 percent of the laboratory technicians and 44 percent of the secretary-receptionists.

Table 11: Number of Part-time and Full-time Auxiliary Personnel
By State, Region and County, By Type of Personnel

| County      | Total | Hygienists        | Assistants        |                                  | Secretary-<br>Receptionists |
|-------------|-------|-------------------|-------------------|----------------------------------|-----------------------------|
| STATE       | 2,479 | 239               | 1,403             | 301 lea 83 1ec (1                | 754                         |
| Region 1    | 56    | ntamen 2 dal      | 37                | arelineen reval                  | 16                          |
| Allamakee   | 7     |                   | 6                 |                                  |                             |
| Clayton     | 7     | Lind Tolda often  | Thomas 7 second   | el in z <mark>ettelj</mark> u re | 2                           |
| Fayette     | 14    | _                 | 7                 |                                  | 6                           |
| Howard      | 7     | atom Zeek in      | of or paraldes as | el, 52 percent d                 | 3                           |
| Winneshiek  | 19    | 2                 | 13                | ann ragicus anpi                 |                             |
| Region 2    | 156   | 9                 | 103               | 2                                | 41                          |
| Cerro Gordo | 65    | 9 6               | 39                | alger of 3 . and                 | 18                          |
| Floyd       | 19    | 2                 | 13                |                                  | /.                          |
| Franklin    | 11    | STATISHED BASE TO | aploy 8 percuent  | 7, 10, and 1) en                 | 3                           |
| Hancock     | 8     |                   | 6                 | _                                | 2                           |
| Kossuth     | 20    |                   | Talled 13 most-y  | Twis (DES BAT TO                 | ine.ing 7                   |
| Mitchell    | 11    |                   | 7                 | 1                                | 3                           |
| Winnebago   | 18    |                   | 15                | _                                | 3                           |
| Worth       | 4     | 1                 | 2                 | _                                | í                           |
| Region 3    | 128   | 8                 | 76                | 2                                | 42                          |
| Buena Vista | 19    | 2                 | 10                | _                                | 7                           |
| Clay        | 24    | 2                 | 11                | 2                                | 9                           |
| Dickinson   | 16    | 1                 | 11                | _                                | 4                           |
| Emmet       | 22    | 1                 | 14                | _                                | 7                           |
| Lyon        | 7     | _                 | 5                 |                                  | 2                           |
| O'Brien     | 12    | 2                 | 6                 | _                                | 4                           |
| Osceola     | 3     | _                 | 2                 | _                                | 1                           |
| Palo Alto   | 8     |                   | 5                 | _                                | 3                           |
| Sioux       | 17    | · –               | 12                | -                                | 5                           |
| Region 4    | 133   | 11                | 85                | 5                                | 32                          |
| Cherokee    | 15    | 2                 | 9                 | _                                | 4                           |
| Ida         | 4     | -                 | 3                 | -                                | 1                           |
| Monona      | 3     | -                 | 3<br>2            | -                                | 1                           |
| Plymouth    | 19    | 3                 | 14                | 1                                | 1                           |
| Woodbury    | 92    | 6                 | 57                | 4                                | 25                          |
| Region 5    | 114   | 5                 | 71                | 2                                | 36                          |
| Calhoun     | 11    | -                 | 8                 | -                                | 3                           |
| Hamilton .  | 17    |                   | 11                | _                                | 6                           |
| Humboldt    | 15    | 1                 | 8                 | _                                | 6                           |
| Pocahontas  | 7     | <u>_</u>          | 5                 | -                                | 2                           |
| Webster     | 52    | 4                 | 31                | 2                                | 15                          |
| Wright      | 12    |                   | 8                 | _                                | 4                           |

Number of Part-time and Full-time Auxiliary Personnel By State, Region and County, By Type of Personnel (continued)

| County     | Total              | Hygienists                         | Assistants  | Laboratory<br>Technician   | Secretary-<br>Receptionists             |
|------------|--------------------|------------------------------------|---|--|---|
| Region 6   | 86                 | 12                                 | 44  | to let by  | Chuggal notes                           |
| Hardin     | 18                 | stred to 1dire f.                  | 10  | 5  | 25                                      |
| Marshall   | 43                 | 6                                  | 22  |  | verse to the contract                   |
| Poweshiek  | 18                 | amelo ad 5                         | 7   | 2  | 13                                      |
| Tama       | 7                  | mpire, an in                       |   | 3  | 3                                       |
|            | F. F. inc. (Self.) | met e metersk                      | 5   | - 1  | 2                                       |
| Region 7   | 224                | 18                                 | 123   | 9  | 74                                      |
| Black Hawk | 164                | 14 Can 14 May 1                    | 87  | 9  | 74<br>Manile 54                         |
| Bremer     | 30                 | 3                                  | 17  | 11.5   | 10                                      |
| Buchanan   | -11                | duante ne c <del>e</del> ntrare de | 7   | The former and DE  | 10                                      |
| Butler     | 7                  | 1                                  | 6   |  | Trome 17                                |
| Chickasaw  | 6                  | ataria 36 <del>-t</del> em ali.    | 3   | and the state of t | THE STATE OF BUTTON                     |
| Grundy     | 6                  | 2                                  | 3   |  | 3                                       |
| Region 8   | 111                | 12                                 | 61  |  | Parish Charles                          |
| Delaware   | 7                  | alaska s <del>a</del> lasah        | 4   |  | 38                                      |
| Dubuque    | 92                 | 10                                 | 51  |  | 3                                       |
| Jackson    | _Ly , 12 och       | 3/6, cf2rne bgg                    | 6   |  | 31<br>4                                 |
| Region 9   | 226                | 34                                 | 115   |  | egion 14                                |
| Clinton    | 53                 | 6                                  | 115   | 1002011 6 0 cm   | .59 1: th 71                            |
| Muscatine  | 28                 | a had fulfillering                 | 31<br>10  | 1  | 15                                      |
| Scott      | 145                | 23                                 | 74  | 4  | 12<br>44                                |
| egion 10   | 299                | 50                                 | The Giparagov . Te  | f the Pertofant  |   |
| Benton     | 9                  | 30                                 | 153   | 10   | 86                                      |
| Cedar      | 5                  |                                    | a chieff 4 cap es   |  | 50 tau                                  |
| Iowa       | 7                  | day and a 1 DC                     | 3   | - ap   | 1                                       |
| Johnson    | 88                 | 21                                 | 41  | Charles and Problems   | 14. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| Jones      | 9                  |                                    | 7   | 6  | 20                                      |
| Linn       | 170                | 27                                 | 86  | 7 18   | 2                                       |
| Washington | 11                 | - 1                                | 7   | 4  | 53                                      |
|            |                    |                                    |   | - 6  | 4                                       |
| egion 11   | 547                | 57                                 | 293   | 28   | 169                                     |
| Boone      | 14                 | - 81                               | 11  | _ <  | 3                                       |
| Dallas     | 22                 | 2 2                                | 15  | _ ®  | Earn 5 meV                              |
| Jasper     | 41                 | 2                                  | 25  | 31.  | 14                                      |
| Madison    | 5                  | - 4                                | 3   | _ 8  | 2                                       |
| Marion     | 19                 | 1                                  | 12  |  | 6                                       |
| Po1k       | 374                | 42                                 | 191<br>26   | 21   | 120                                     |
| Story      | 54                 | 8                                  |   | 7 38   | 13                                      |
| Warren     | 18                 | 2                                  | 10  | _ 6.0  | 6                                       |
|            |                    |                                    | A per control of the |  | SW.I                                    |

Number of Part-time and Full-time Auxiliary Personnel By State, Region and County, By Type of Personnel (continued)

| Region 12 Audubon Carroll Crawford Greene Guthrie Sac Region 13 Cass Fremont | 53<br>7<br>16<br>14<br>8<br>1<br>7<br>125<br>30<br>3 | 1<br>-<br>-<br>1<br>-<br>-<br>-<br>-<br>7 | 33<br>5<br>9<br>9<br>5<br>1<br>4 | 1 100<br>1 141<br>- 164<br>- 81  | 18<br>1<br>7<br>4<br>3 |
|--|--|---|----------------------------------|--|------------------------|
| Audubon Carroll Crawford Greene Guthrie Sac Region 13 Cass Fremont           | 7<br>16<br>14<br>8<br>1<br>7<br>125<br>30            | - 01<br>1 2<br>1 - 2<br>- 2<br>7          | 5<br>9<br>9<br>5<br>1            |  | 1<br>7<br>4            |
| Carroll Crawford Greene Guthrie Sac Region 13 Cass Fremont                   | 16<br>14<br>8<br>1<br>7                              | 7   | 9<br>9<br>5<br>1                 | 43.4 - 18 | 7<br>4                 |
| Crawford Greene Guthrie Sac Region 13 Cass Fremont                           | 14<br>8<br>1<br>7<br>125<br>30                       | 7   | 9<br>5<br>1                      | 494 T<br>16 T  | 4 4                    |
| Greene Guthrie Sac Region 13 Cass Fremont                                    | 8<br>1<br>7<br>125<br>30                             | 7   | 5<br>1                           | 1677   |                        |
| Guthrie<br>Sac<br>Region 13<br>Cass<br>Fremont                               | 1<br>7<br>125<br>30                                  |   | 1                                | 15 T g S   | 3                      |
| Sac<br>Region 13<br>Cass<br>Fremont  | 7<br>125<br>30                                       |   |                                  |  | - mg/31 A              |
| Region 13<br>Cass<br>Fremont   | 125<br>30  |   | 4                                |  | 5.7                    |
| Cass<br>Fremont  | 30   |   |                                  | 224 _ <del>-</del>   | alvelf Man.Lil         |
| Cass<br>Fremont  | 30   |   | 73                               | 6  | 39                     |
| Fremont  |  | 5   | 15                               | 3  | man7dpe4               |
|  | 9  | - 1                                       | 2                                | - : :  | 1                      |
| Harrison   | 3  |   | 3                                | = ' i  | Was not Tolked D       |
| Mills  | 3  | _ 2                                       | 2                                | - a  | -1 mm                  |
| Montgomery   | 8  | _   | 4                                |  | 4                      |
| Page   | 16   | _   | 9                                | - " (1)  | 7                      |
| Pottawattamie  | 54   | 2   | 34                               | 3  | 15                     |
| Shelby   | 8  | - 1                                       | ,                                | 9.2 -  | au 4 mau 0             |
| lead on 14   | 34   | 1   | 20                               | 1-81   | 12                     |
| Region 14<br>Adair   |  |   | 1.                               |  | 2                      |
|  | 6  |   | 1                                | 12 525   | no1,111                |
| Adams  |  |   | W 1900 - W 17                    | - 1, 44  | ini official           |
| Clarke   | 1  |   | 0                                | 22 ES.   | 1                      |
| Decatur  | 3 2  | 13 E                                      | 1 0 1 1 2 2 1                    | 145 []   | 2                      |
| Ringgold   |  | 1   | 1                                | 2.2  | 117 <b>1</b> mo.bs     |
| Taylor   | 6  | E   | 8                                | _ 662  | 5                      |
| Union  | 13   |   |                                  |  |                        |
| Region 15  | 96   | 8   | 56                               | 4  | 28                     |
| Appanoose  | .3   |   | 3                                | 88   | lopalion               |
| Davis  | 6  | - Tilday                                  | 4                                | 1 0  |                        |
| Jefferson  | 15   | 3   | 8                                | - 170 DVI  | 4                      |
| Keokuk   | 10   | . 1 1 <del>4</del> 91.4                   | 7                                | 1 11   | 2                      |
| Lucas  | 3  |   | 2                                |  | 1                      |
| Mahaska  | 15   | 1 2                                       | 10                               | - 542  | 4                      |
| Monroe   | 9  | 2   | 6                                | T AL   | 1                      |
| Van Buren  | 2  |   | 1                                | 17.0   | 10                     |
| Wapello  | 31   | 2   | 14                               | 2  | 13                     |
| Wayne  | 2  | . 75 . 6                                  | 1,                               | 2 2  | not the                |
| Region 16  | 0.1  | 4   | 60                               | 378  | 27                     |
| Des Moines   | 38   | Lake the second second                    | 22                               | - A  | 13                     |
| Henry  | 13   | 1   | 8                                | - 81   | 4                      |
| Lee  | 40   |   | 30                               |  | 10                     |
| Louisa   | . 52   |   | 200                              | - <u></u>  | <u> </u>               |

Considering the various types of dental practice separately, a majority of General Practitioners employ full-time assistants. In fact, 3 of 4 General Practitioners are aided by full-time dental assistants. However, secretary-receptionists are employed on a full-time basis by less than half, 46.7 percent of the General Practitioners in the state.

The majority of Oral Surgeons employ both full-time dental assistants and full-time secretary-receptionists. Nearly 8 of 10 Oral Surgeons are helped by full-time assistants. Moreover, about 3 of 4 Oral Surgeons are assisted by full-time secretary-receptionists.

Full-time assistants and secretary-receptionists are also employed by the majority, about 3/4, of the Orthodontists.

An even greater majority, nearly all, of the Pedodontists employ both full-time assistants and full-time secretary-receptionists.

However, proportionally fewer, 71.4 percent, of the Periodontists are aided by full-time assistants, and full-time secretary-receptionists are employed by a considerably smaller, 42.9 percent of the Periodontists.

Employing Auxiliary of Personnel

|      | ,                  |     |                   |      | la.                |                        |                   | ı            | Laboratory                 | ory         |                |      | Secr               | Secretary-                     |     |
|------|--------------------|-----|-------------------|------|--------------------|------------------------|-------------------|--------------|----------------------------|-------------|----------------|------|--------------------|--------------------------------|-----|
| Full | Hygie<br>Full-time | H   | ists<br>Part-time | Full | Assis<br>Full-time | Assistants<br>ime Part | ants<br>Part-time | Full         | Technician<br>Full-time Pa | ian<br>Part | n<br>Part-time | Ful1 | Recep<br>Full-time | Receptionists<br>ime Part-time | ts  |
| No.  | Pct                | No. | Pct               | No.  | Pct                | No.                    | Pct               | No.          | Pct                        | No.         | Pct            | No.  | Pct                | No.                            | Pct |
| 82   | 7.4                |     | 140 12.6          | 829  | 74.8               | 248                    | 22.4              | 43           | 3.9                        | 38          | 3.4            | 558  | 50.4               | 145                            | 13. |
| 11   | 7.9                | 133 | 13.7              | 718  | 74.0               | 216                    | 22.3              | 21           | 2.2                        | 24          | 2.5            | 453  | 46.7               | 122                            | 12. |
| 5    | 3.6                | 7   | 5.1               | 111  | 80.4               | 32                     | 23.2              | 22           | 15.9                       | 14          | 10.1           | 105  | 76.1               | 23                             | 16. |
| 1    | 0.0                |     | 0.0               | 26   | 78.8               | 9                      | 18.2              | 1            | 3.0                        | -16         | 0.0            | 25   | 75.8               | 2                              | 15. |
| 2    | 2.8                | 2   | 2.8               | 55   | 76.4               | 17                     | 23.6              | 21           | 29.5                       | 14          | 19.4           | 53   | 73.6               | 12                             | 16. |
| T    | 8.8                | 7   | 7.7               | 25   | 96.2               | 80                     | 30.8              | gens<br>weit | 0.0                        | do b        | 0.0            | 24   | 92.3               | 5                              | 19. |
| 2    | 28.6               | e   | 42.9              | 2    | 71.4               | - A                    | 14.3              | 1-73         | 0.0                        | igyo        | 0.0            | 3    | 42.9               | 1                              | 14. |
|      |                    |     |                   |      |                    |                        |                   |              |                            |             |                |      |                    |                                |     |

Dental assistants are employed, on a full-time basis, by 3 of 4 Iowa dentists; one-half of the dentists in the state are aided by full-time secretary-receptionists, but only small proportions of dentists practice with the assistance of hygienists or laboratory technicians who are full-time employees. Similarly, relatively small percentages of the dentists in the state employ any of the four types of auxiliary personnel on a part-time basis.

In all of the regions, two-thirds or more of the dentists employ full-time dental assistants, except in Region 14.

Proportions of dentists employing full-time secretary-receptionists vary from about a third in Regions 1, 2 and 4 to 58.8 percent in Region 11. Actually more than half of the dentists in eight regions utilize full-time secretary-receptionists.

Dentists in five regions do not practice with the assistance of full-time hygienists; just as dentists in five of the regions do not employ full-time laboratory technicians.

Part-time dental assistants are employed by 41.2 percent of the dentists in Region 14. Less than a third of the dentists in the other regions utilize part-time dental assistants.

In Region 8, one of five dentists employ part-time secretary-receptionists, this is about the same proportion as in Region 2. Approximately a tenth of the dentists or less in six regions are assisted by part-time secretary-receptionists.

Apparently, part-time hygienists are more extensively employed than full-time hygienists; in every region, except Region 13.

Personne1 and Percent of Den State and Region, Number By E E

| Region |       | Hygi      | Hygienists |           |       | Assi | Assistants |           |       | Labo      | Laboratory<br>Technician |           |      | Secr      | Secretary-<br>Receptionists | sts       |
|--------|-------|-----------|------------|-----------|-------|------|------------|-----------|-------|-----------|--------------------------|-----------|------|-----------|-----------------------------|-----------|
|        | Fu11- | Full-time | Part       | Part-time | Ful1- | T    | Part       | Part-time | Full. | Full-time | Part                     | Part-time | Ful1 | Full-time | Part                        | Part-time |
|        | No.   | Pct       | No.        | Pct       | No.   | Pct  | No.        | Pct       | No.   | Pct       | No.                      | Pct       | No.  | Pct       | No.                         | Pct       |
| STATE  | 82    | 7.4       | 140        | 12.6      | 829   | 74.8 | 248        | 22.4      | 43    | 3.9       | 38                       | 3.4       | 558  | 50.4      | 145                         | 13.1      |
| 1      | 1     | 0.0       | 2          | 5.4       | 27    | 73.0 | 9          | 16.2      | zot.  | 0.0       | 1                        | 2.7       | 13   | 35.1      | 3                           | 8.1       |
| 2      | 4     | 5.6       | 2          | 6.9       | 55    | 76.4 | 22         | 30.6      | e     | 4.2       | 1                        | 0.0       | 25   | 34.7      | 14                          | 19.4      |
| က      | 1     | 0.0       | 80         | 12.1      | 52    | 78.8 | 13         | 19.7      | . 8   | 0.0       | 7                        | 3.0       | 32   | 48.5      | 10                          | 15.2      |
| 4      | 2     | 7.1       | 9          | 9.8       | 64    | 70.0 | 18         | 25.7      | 2     | 2.9       | n                        | 4.3       | 23   | 32.9      | 7                           | 10.0      |
| 2      | 2     | 3.6       | 3          | 5.5       | 44    | 80.0 | 13         | 23.6      | 2     | 3.6       | 1                        | 0.0       | 25   | 45.5      | 10                          | 18.2      |
| 9      | 4     | 10.5      | 7          | 18.4      | 29    | 76.3 | 6          | 23.7      | 1     | 0.0       | 5                        | 13.2      | 21   | 55.3      | 3                           | 7.9       |
| 7      | 4     | 6.4       | 12         | 14.6      | 09    | 73.2 | 24         | 29.3      | 1     | 1.2       | 7                        | 8.5       | 48   | 58.5      | 14                          | 17.1      |
| 80     | 2     | 9.3       | 7          | 13.0      | 38    | 70.4 | 12         | 22.2      | i i   | 0.0       | 1                        | 0.0       | 26   | 48.1      | 11                          | 20.4      |
| 6      |       | 11.8      | 18         | 19.4      | 99    | 71.0 | 19         | 20.4      | e     | 3.2       | 2                        | 2.2       | 52   | 55.9      | 12                          | 12.9      |
| 10     | 19    | 14.4      | 25         | 18.9      | 100   | 75.8 | 20         | 15.2      | 4     | 3.0       | 9                        | 4.5       | 74   | 56.1      | 11                          | 8.3       |
| 11     | 1     | 10.2      | 33         | 15.3      | 171   | 79.2 | 45         | 20.8      | 18    | 8.3       | 10                       | 9.4       | 127  | 58.8      | 23                          | 10.6      |
| 12     | I,    | 0.0       | 1          | 3.8       | 20    | 6.97 | 9          | 23.1      | 1     | 3.8       | 1                        | 0.0       | 15   | 57.7      | 3                           | 11.5      |
| 13     | n     | 4.8       | 3          | 4.8       | 42    | 2.99 | 13         | 20.6      | 4     | 6.3       | 2                        | 3.2       | 26   | 41.3      | 10                          | 15.9      |
| 14     | i i   | 0.0       | 1          | 5.9       | 10    | 58.8 | 7          | 41.2      | 1     | 5.9       |                          | 0.0       | 6    | 52.9      | 2                           | 11.8      |
| 15     | 3     | 8.9       | 2          | 11.4      | 34    | 77.3 | 7          | 15.9      | 4     | 9.1       | L                        | 0.0       | 23   | 52.3      | 4                           | 9.1       |
| 16     | 1     | 0.0       | 4          | 9.3       | 32    | 74.4 | 14         | 32.6      |       | 0.0       | 1                        | 0.0       | 19   | 44.2      | 00                          | 18.6      |

Full-time dental assistants are employed by larger percentages of dentists in cities with 5,000 to 50,000 local residents than in the largest and smallest cities in the state. However, city size is insignificant in relation to the proportion of dentists employing part-time assistants.

About 6 of 10 dentists in the cities with 10,000 to 50,000 populations are assisted by full-time secretary-receptionists; the same statement is true for the three largest cities in the state. The greatest percentage of dentists who are aided by part-time secretary-receptionists is 17.3 percent in cities where 2,500 to 5,000 people live.

Cedar Rapids, Davenport, and Des Moines, the three largest cities in Iowa, also have the largest proportions of dentists who employ full-time hygienists. Those three cities and cities with 50,000 to 100,000 inhabitants differ, however, from the cities with 50,000 or fewer residents in respect to the employment of part-time hygienists. In contrast to the dentists who employ full-time hygienists, a greater proportion of dentists in those cities with 50,000 or fewer people employ part-time hygienists.

Like dentists who are assisted by full-time hygienists, the greatest proportion of dentists who utilize the services of full-time laboratory technicians reside in the three big cities. Compared to dentists in other sized cities, more dentists in cities of 25,000 to 50,000 people employ part-time laboratory technicians.

Number of the second

|                    |       |           |            |           |      |                 |        |      |      | Labor | atory |                 |       | Secre           | tary-  |       |
|--------------------|-------|-----------|------------|-----------|------|-----------------|--------|------|------|-------|-------|-----------------|-------|-----------------|--------|-------|
| City Size          |       | Hygie     | Hygienists |           |      | Assis           | stants |      |      | Techr | ician |                 |       | Recep           | tionis | ts    |
|                    | Fu11. | Full-time | Part       | Part-time | Fu11 | -time           | Part-  |      | Ful1 | -time | Part- | time            | Full. | -time           | Part-  | time. |
|                    | No.   | Pct       | No.        | Pct       | No.  | No. Pct No. Pct | No.    |      | No.  | Pct   | No.   | No. Pct No. Pct | No.   | No. Pct No. Pct | No.    | Pct   |
| STATE              | 82    | 7.4       |            | 140 12.6  | 829  | 74.8            | 248    | 22.4 | 43   | 3.9   | 38    | 3.4             | 558   | 50.4            | 145    | 13.1  |
| Under 2,500        | 2     | 1.2       | 15         | 8.7       | 107  | 8.19            | 40     | 23.1 | 4    | 2.3   | Н     | 9.0             | 47    | 27.2            | 19     | 11.0  |
| 2,500 to 5,000     | L     | 0.0       | 2          | 3.9       | 91   | 71.7            | 31     | 24.4 | 2    | 1.6   | 1     | 0.0             | 20    | 39.4            | 22     | 17.3  |
| 5,000 to 10,000    | 9     | 3.4       | 27         | 15.4      | 138  | 78.9            | 43     | 24.6 | 2    | 1.1   | 9     | 3.4             | 96    | 54.9            | 22     | 12.6  |
| , 10,000 to 25,000 | ∞     | 8.6       | 11         | 13.4      | 99   | 80.5            | 17     | 20.7 | 1    | 0.0   | 3     | 3.7             | .52   | 63.4            | 6      | 11.0  |
| ° 25,000 to 50,000 | 19    | 11.7      | 35         | 21.5      | 138  | 84.7            | 39     | 23.9 | 11   | 6.7   | 12    | 7.4             | 86    | 1.09            | 23     | 14.1  |
| 50,000 to 100,000  | 18    | 9.5       | 18         | 9.5       | 134  | 70.9            | 04     | 21.2 | 00   | 4.2   | 7     | 3.7             | 92    | 48.7            | 28     | 14.8  |
| 100,000 and over   | 59    | 14.6      | 29         | 14.6      | 155  | 77.9            | 38     | 19.1 | 16   | 8.0   | 6     | 4.5             | 123   | 8.19            | 22     | 11.1  |
|                    |       |           |            |           |      |                 |        |      |      |       |       |                 |       |                 |        |       |

As the total number of full-time auxiliary personnel increases (from 1 to 3 or more) the percentages of dentists employing specified numbers of hygienists decreases. The same relationship is evident concerning laboratory technicians and secretary-receptionists. For example, of all the dentists who employ 1 full-time person, 41 percent employ 1 full-time secretary-receptionist. However, only 11.6 percent of the dentists who are assisted by 3 or more full-time auxiliary personnel employ secretary-receptionists.

An opposite relationship exists concerning full-time dental assistants.

Among all the dentists who employ one person full-time, 49.5 percent employ one full-time assistant. In contrast, 83.1 percent of all the dentists who employ a total of two people full-time, employ two full-time dental assistants.

-8

Number Table

|                                  | ****    | ************** Full-Time | *****    | * Full-1 |     | ************* | *****             | *****    | **** | *****        | ***** | ** Part   | -Time | *************** Part-Time *********** | **** | *****       |
|----------------------------------|---------|--------------------------|----------|----------|-----|---------------|-------------------|----------|------|--------------|-------|-----------|-------|---------------------------------------|------|-------------|
| Type of Personnel                | H       | Total                    |          | Н        |     | 2             | 10 1              | 3+       | Tot  | Total        |       | 1         |       |                                       |      | 3+          |
|                                  | NO.     | No. Fet No.              | No.      | Pct      | No. | Pct           | No.               | Pct      | No.  | No. Pct      | No.   | Pct       | No.   |                                       | No.  | Pct No. Pct |
| TOTAL                            | 1,512   | 1,512 100.0 1,280 100.0  | 1,280    | 100.0    | 189 | 189 100.0     | 43                | 43 100.0 |      | 571 100.0    |       | 493 100.0 |       | 65 100.0 13 100.0                     | 13   | 100.0       |
| Hygienists                       | 82      | 5.4                      | 79       | 6.2      | n   | 1.6           | D <sub>I</sub> L. | 0.0      |      | 140 24.5 128 | 128   | 26.0      | 11    | 16.9                                  | Н    | 7.7         |
| Assistants                       | 829     | 829 54.8                 | 634      | 49.5     | 157 | 83.1          | 38                | 88.4     | 248  | 43.4         | 194   | 39.4      | 77    | 67.7                                  | 10   | 76.9        |
| Laboratory Technicians           | ins 43  | 2.8                      | 42       | 3.3      | 1   | 0.5           | g)Lie             | 0.0      | 38   | 6.7          | 37    | 7.5       | Jani. | 1.5                                   | - 1  | 0.0         |
| Secretary-Receptionists 558 36.9 | sts 558 | 36.9                     | 525 41.0 | 41.0     | 28  | 28 14.8       | 5                 | 11.6     | 145  | 25.4         | 134   | 27.2      | 6     | 13.8                                  | 2    | 15.4        |
|                                  |         |                          |          |          |     |               |                   |          |      |              |       |           |       |                                       |      |             |

Dental assistants are employed, either full or part-time, by 8 of 10

Iowa dentists. The most typical employment arrangement is one dentist practicing with the aid of one full-time dental assistant. Nearly one-third of the dentists have more than one assistant, usually two full-time or one part-time plus one full-time.

About 6 of 10 dentists in the state employ one or more part-time or full-time secretary-receptionist. However, only 5.8 percent utilize the assistance of more than one secretary-receptionist.

A large majority, 80.7 percent, of the dentists do not practice with the assistance of a hygienist. Typically, either one part-time or full-time hygienist is employed by the dentist who does utilize this type of auxiliary personnel.

An even larger majority of dentists practice without the aid of a laboratory technician in the office. Among the 7 percent of the Iowa dentists employing lab technicians, either one part-time or one full-time technician is employed by the individual dentist.

Table 16: Number and Percent of Dentists Employing Specified Combinations of Auxiliary Personnel

|              |                         |                     |       |                      | Type of | Personn                | el              |                       |                   |
|--------------|-------------------------|---------------------|-------|----------------------|---------|------------------------|-----------------|-----------------------|-------------------|
| Number of Pa | rties                   | Hygie               | nists | Assis                | stants  | Techn                  | atory<br>icians | Recept                | etary-<br>ionists |
| Full-Time Pa | rt-Time                 | No.                 | Pct.  | No.                  | Pct.    | No.                    | Pct.            | No.                   | Pct.              |
| TOTAL        | 8 0 1 10 1 2 10<br>16 - | 1,108               | 100.0 | 1,108                | 100.0   | 1,108                  | 100.0           | 1,108                 | 100.0             |
| 0            | 0                       | 894                 | 80.7  | 198                  | 17.9    | 1,029                  | 92.9            | 432                   | 39.0              |
| 0            | 1                       | 120                 | 10.8  | 52                   | 4.7     | 35                     | 3.2             | A 110                 | 9.9               |
| 0            | 2                       | 11                  | 1.0   | 23                   | 2.1     | 1                      | 0.1             | 6                     | 0.5               |
| 0            | 3                       | John Sut            | 0.0   | 6                    | 0.5     | aslavii =              | 0.0             | 2                     | 0.2               |
| 0            | 4                       | 1                   | 0.1   | _                    | 0.0     | _                      | 0.0             | _                     | 0.0               |
| 0            | 5                       | white east          | 0.0   | a balan <del>-</del> | 0.0     | s by been              | 0.0             | h <del>e</del> desint | 0.0               |
| 1            | 0                       | 71                  | 6.4   | 500                  | 45.1    | 40                     | 3.6             | 503                   | 45.4              |
| 1            | 1                       | 8                   | 0.7   | 116                  | 10.5    | 2                      | 0.2             | 22                    | 2.0               |
| 1            | 2                       | - 1                 | 0.0   | 16                   | 1.4     | _                      | 0.0             | _                     | 0.0               |
| 1            | 3                       | a troll a lev       | 0.0   | 1                    | 0.1     | exhtan <del>-</del> ta | 0.0             | s rd -                | 0.0               |
| 1            | 4                       | _                   | 0.0   | 1                    | 0.1     | _                      | 0.0             | _                     | 0.0               |
| aletanol co  | 5                       | ababaa <del>a</del> | 0.0   | elimitad in          | 0.0     | s let mess             | 0.0             | note and L            | 0.0               |
| 2            | 0                       | 3                   | 0.3   | 130                  | 11.7    | 1                      | 0.1             | 24                    | 2.2               |
| 2 watehade   | 1                       | Turk Bloom          | 0.0   | 22                   | 2.0     | mira traderel          | 0.0             | 2                     | 0.2               |
| 2            | 2                       | 1 1                 | 0.0   | 4                    | 0.4     | _                      | 0.0             | 2                     | 0.2               |
| 2            | 3                       | -1 1 -1             | 0.0   | 1                    | 0.1     | alter that I— o        | 0.0             | ood ame =05           | 0.0               |
| 3            | 0                       | 100 mg              | 0.0   | 21                   | 1.9     |                        | 0.0             | 4                     | 0.4               |
| 3            | 1                       | S 2                 | 0.0   | 3                    | 0.3     | _                      | 0.0             |                       | 0.0               |
| 3            | 2                       |                     | 0.0   | 1                    | 0.1     | _                      | 0.0             | 1                     | 0.1               |
| 3            | 3                       | - 1                 | 0.0   | 1                    | 0.1     | _                      | 0.0             | _                     | 0.0               |
| 4            | 0                       | _                   | 0.0   | 4                    | 0.4     | _                      | 0.0             | _                     | 0.0               |
| 4            | 1                       | 1 4                 | 0.0   | 1                    | 0.1     | _                      | 0.0             | _                     | 0.0               |
| 4            | 2                       |                     | 0.0   |                      | 0.0     | _                      | 0.0             | _                     | 0.0               |
| 4            | 3                       | 3 5                 | 0.0   | _                    | 0.0     | _                      | 0.0             | _                     | 0.0               |
| 5            | 0                       | 1 2                 | 0.0   | 3                    | 0.3     | _                      | 0.0             | _                     | 0.0               |
| 5            | 1                       | -                   | 0.0   | 1 N _ 1              | 0.0     | _                      | 0.0             | _                     | 0.0               |
| 5            | 2                       | 1 -                 | 0.0   | _                    | 0.0     | _                      | 0.0             | _                     | 0.0               |
| 5            | 3                       | _                   | 0.0   | _                    | 0.0     | 1 -                    | 0.0             | _                     | 0.0               |
| 6+           | 0+                      | _                   | 0.0   | 4                    | 0.4     |                        | 0.0             |                       | 0.0               |

One full-time dental assistant with no other personnel, either full-time or part-time, is the most common auxiliary employment pattern of Iowa dentists. Among the regions, about 3 of 10 dentists in Region 1 are aided by a full-time assistant, only. In contrast, just 6 percent of the dentists in Region 14 practice with the aid of one full-time dental assistant and no other employees.

The auxiliary employment pattern of 14.4 percent of Iowa dentists is one full-time dental assistant and one full-time secretary-receptionist. More than a third of the dentists in Region 12 are helped by one full-time assistant in combination with one full-time secretary-receptionist, while in Region 2 only 7 percent of the dentists employ one full-time dental assistant, one full-time secretary-receptionist, but no other full-time or part-time auxiliary personnel.

However, in the state and in all the regions, except Region 1, the proportion of dentists employing some other combination of personnel is larger than the proportions of dentists who utilize any of the combinations listed in Table 11.

Table 17: Number and Percent of Dentists Employing Specified Number and Type of Personnel
By State and Region

| Number and Type of Personnel                                    | STA   | TE    | Reg | ion 1 | Reg | ion 2                                       | Reg | ion 3 | Reg  | ion 4 | Reg | ion 5 |
|---|-------|-------|-----|-------|-----|---|-----|-------|------|-------|-----|-------|
|   | No.   | Pct   | No. | Pct   | No. | Pct   | No. | Pct   | No.  | Pct   | No. | Pct   |
| COTAL 1   | ,108  | 100.0 | 37  | 100.0 | 72  | 100.0                                       | 66  | 100.0 | 70   | 100.0 | 55  | 100.0 |
| o Employees   | 118   | 10.6  | 7   | 18.9  | 7   | 9.7   | 8   | 12.1  | 13   | 18.6  | 5   | 9.1   |
| wo Assistants   | 26    | 2.3   |     | 0.0   | 2   | 2.8   | 1   | 1.5   | 4    | 5.7   | 1   | 1.8   |
| ne Assistant  | 170   | 15.3  | 11  | 29.7  | 12  | 16.7  | 13  | 19.7  | 13   | 18.6  | 11  | 20.0  |
| ne Assistant and One Part-Time                                  | ora p |       |     |       |     |   |     |       |      |       |     |       |
| Assistant   | 37    | 3.3   | 2   | 5.4   | 7   | 9.7   | · " | 0.0   | 4    | 5.7   | 2   | 3.6   |
| ne Part-Time Assistant  | 20    | 1.8   | 1 1 | 0.0   | 2   | 2.8   |     | 0.0   | 3    | 4.3   | _   | 0.0   |
| ne Assistant and One Part-Time                                  |       |       |     |       |     |   |     |       |      |       |     |       |
| Secretary-Receptionist  | 36    | 3.2   | 2   | 5.4   | 4   | 5.6   | 5   | 7.6   | 2    | 2.9   | 3   | 5.5   |
| ne Secretary-Receptionist                                       | 55    | 5.0   | 2   | 5.4   | 3   | 4.2   | 1   | 1.5   | 2    | 2.9   | 2   | 3.6   |
| ne Assistant and One Secretary-                                 |       |       |     |       |     |   |     |       |      |       |     |       |
| Receptionist  | 160   | 14.4  | 3   | 8.1   | 5   | 6.9   | 16  | 24.2  | 7    | 10.0  | 7   | 12.7  |
| ne Assistant and One Part-Time                                  |       |       |     |       |     |   |     |       |      |       |     |       |
| Hygienist   | 12    | 1.1   | P - | 0.0   | 1   | 1.4   | 물 많 | 0.0   | 1 5- | 0.0   | 1   | 1.8   |
| ne Assistant and One Hygienist                                  | 6     | 0.5   | 1   | 0.0   | 2   | 2.8   |     | 0.0   | ğ-   | 0.0   | -   | 0.0   |
| ne Assistant, One Hygienist, and                                |       |       |     |       |     |   |     |       |      |       |     |       |
| One Secretary-Receptionist                                      | 21    | 1.9   | 9 4 | 0.0   | 2   | 2.8   |     | 0.0   | 11-  | 0.0   | _   | 0.0   |
| ne Assistant, One Secretary-<br>Receptionist, and One Part-Time |       |       |     |       |     | - No 10 10 10 10 10 10 10 10 10 10 10 10 10 |     |       |      |       |     |       |
| Hygienist   | 40    | 3.6   | 1   | 2.7   | 3   | 4.2   | 4   | 6.1   | 2    | 2.9   | 1   | 1.8   |
| ther  | 407   | 36.7  | 9   | 24.3  | 22  | 30.6  | 18  | 27.3  | 20   | 28.6  | 22  | 40.0  |

Table 17: Number and Percent of Dentists Employing Specified Number and Type of Personnel
By State and Region (continued)

| Mecegrichist, and One Ye   | rt-Tabe | 14    | ate an | d Regior | i (cont  | inued) |                   |       |      |        |      |       |
|--|---------|-------|--------|----------|----------|--------|-------------------|-------|------|--------|------|-------|
| Number and Type of Personnel                                     | Reg     | ion 6 | Reg    | ion 7    | Reg      | ion 8  | Reg               | ion 9 | Regi | ion 10 | Regi | on 11 |
| Number and Type of Personner                                     | No.     | Pct   | No.    | Pct      | No.      | Pct    | No.               | Pct   | No.  | Pct    | No.  | Pct   |
| TOTAL BEAUTIFIED OF THE BALL                                     | 55      | 100.0 | 38     | 100.0    | 82       | 100.0  | 54                | 100.0 | 93   | 100.0  | 132  | 100.0 |
| No Employees   | 5       | 9.1   | 1      | 2.6      | 9        | 11.0   | 7                 | 13.0  | 9    | 9.7    | 12   | 9.1   |
| Two Assistants   | 5.01    | 1.8   | -      | 0.0      | 2        | 2.4    | 1                 | 1.9   | 1    | 1.1    | 5    | 3.8   |
| One Assistant  | 11      | 20.0  | 7      | 18.4     | 6        | 7.3    | 9                 | 16.7  | 15   | 16.1   | 17   | 12.9  |
| One Assistant and One Part-Time                                  |         |       |        |          |          |        |                   |       |      |        |      |       |
| Assistant  | _ 2     | 3.6   | 3      | 7.9      |          | 0.0    | 1                 | 1.9   | 3    | 3.2    | 1    | 0.8   |
| One Part-Time Assistant  |         | 0.0   | 1      | 2.6      | 2        | 2.4    | 2                 | 3.7   | 2    | 2.2    | 1    | 0.8   |
| One Assistant and One Part-Time                                  |         |       |        |          |          |        |                   |       |      |        |      |       |
| Secretary-Receptionist   | 3       | 5.5   | 5 -    | 0.0      | 1        | 1.2    | 3                 | 5.6   | 3    | 3.2    | 1    | 0.8   |
| One Secretary-Receptionist                                       | 2       | 3.6   | 3      | 7.9      | 4        | 4.9    | 1                 | 1.9   | 9    | 9.7    | 8    | 6.1   |
| One Assistant and One Secretary-                                 |         |       |        |          |          |        |                   |       |      |        |      |       |
| Receptionist   | . 7     | 12.7  | 5      | 13.2     | 10       | 12.2   | 8                 | 14.8  | 9    | 9.7    | 20   | 15.2  |
| One Assistant and One Part-Time                                  |         |       |        |          |          |        |                   |       |      |        |      |       |
| Hygienist  | 1       | 1.8   | 1      | 2.6      | A SCHOOL | 0.0    | E 2000 12         | 0.0   | -    | 0.0    | 3    | 2.3   |
| One Assistant and One Hygienist                                  | -       | 0.0   |        | 0.0      | -        | 0.0    | 1                 | 1.9   | 7 -  | 0.0    | 1    | 0.8   |
| One Assistant, One Hygienist, and                                |         |       |        |          |          |        |                   |       |      |        |      |       |
| One Secretary-Receptionist                                       |         | 0.0   | 2      | 5.3      | OR 15    | 0.0    | en j <del>e</del> | 0.0   | 3    | 3.2    | 9    | 6.8   |
| One Assistant, One Secretary-<br>Receptionist, and One Part-Time |         |       |        |          |          |        |                   |       |      |        |      |       |
| Hygienist  | 1       | 1.8   | 2      | 5.3      | _        | 0.0    | 3                 | 5.6   | 7    | 7.5    | 8    | 6.1   |
| Other  | 22      | 40.0  | 13     | 34.2     | 48       | 58.5   | 18                | 33.3  | 32   | 34.4   | 46   | 34.8  |

| ying Specified Number and Type of Personnel | on (continued) |  |
|---|----------------|--|
| Employ.                                     | Region         |  |
| Dentists                                    | State and      |  |
| of  | By             |  |
| Percent                                     |                |  |
| and   |                |  |
| Number                                      |                |  |
| Table 1/:                                   |                |  |
|   |                |  |

| Number and Tyne of Personnel  | Region                                  | on 12 | Region | on 13 | Region | on 14 | Regi         | Region 15 | Region | on 16 |
|---|---|-------|--------|-------|--------|-------|--------------|-----------|--------|-------|
|   | No.                                     | Pct   | No.    | Pct   | No.    | Pct   | No.          | Pct       | No.    | Pct   |
| TOTAL   | 26                                      | 100.0 | 63     | 100.0 | 17     | 100.0 | 77           | 100.0     | 43     | 100.0 |
| No Employees  | 2                                       | 7.7   | 9      | 9.5   | 7      | 11.8  | 2            | 11.4      | ľ      |       |
| Two Assistants  | 1                                       | 0.0   | 3      | 4.8   | ì      | 0.0   | - 1          | 2.3       | 2 0    | 4     |
| one Assistant   | 4                                       | 15.4  | 13     | 20.6  | 1      | 5.9   | 8            | 18.2      | 4      | 9.3   |
| One Assistant and One Part-Time<br>Assistant<br>One Part-Time Assistant                 | 1.1                                     | 0.0   | 4 7    | 3.2.3 | 1 2    | 11.8  | 3-1<br>- 2-7 | 2.3       | e -1   | 7.0   |
| One Assistant and One Part-Time<br>Secretary-Receptionist<br>One Secretary-Receptionist | H 1                                     | 3.8   | 7.2    | 3.2   | 7 1    | 5.9   | 10           | 0.0       | 2.0    | 11.6  |
| One Assistant and One Secretary-<br>Receptionist  | 6                                       | 34.6  | 80     | 12.7  | 2      | 11.8  | ω            | 18.2      | 5      | 11.6  |
| One Assistant and One Part-Time<br>Hygienist<br>One Assistant and One Hygienist         | 511                                     | 0.0   |        | 0.0   | 3191   | 0.0   | H 1          | 2.3       | Ç₩ 1   | 2.3   |
| One Assistant, One Hygienist, and<br>One Secretary-Receptionist                         | 5 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 0.0   |        | 0.0   | 100    | 0.0   | 8            | 8.9       | 110    | 0.0   |
| One Assistant, One Secretary-<br>Receptionist, and One Part-Time<br>Hygienist<br>Other  | 10                                      | 0.0   | 181    | 0.0   | 1 0    | 0.0   | 1 1 1 4      | 2.3       | 177    | 2.3   |

### Table 18

More than half, 55.4 percent, of Iowa dentists spend 40 or more hours a week in the office, however, nearly one-fifth work 39 hours a week or less.

The largest single group of dentists works 40-44 hours a week while 64.6 percent are in the office from 35 to 44 hours a week.

# Table 19

More than 3/4 of Iowa dentists, 79 percent, work less than 50 weeks in a year and nearly 1/4 work 45 weeks or less a year. However, the majority of the dentists in the state, about 6 of 10, work 48 or more weeks a year.

# Table 20

Dentists in 3/4 of the Iowa regions are in the office an average of less than 40 hours a week. Weekly time in the office varies by 4.5 hours from an average of 40.7 hours in Regions 6, 12 and 13 to a mean of 36.2 hours for dentists in Region 6 where the mean number of weeks worked by dentists is the highest in the state.

# Table 21

Oral surgeons average more hours in the office per week than the dentists in any of the other types of practice. In contrast, Pedodontists have the shortest work week, according to the mean number of office hours per week for the various types of practice.

Dentists in the 5 different types of practice are very similar, however, concerning the average number of weeks worked during a year.

Table 18: Distribution of Dentists by Number of Office Hours per Week

| Number of Hours | Number of Dentists            | Percent of Dentists |
|-----------------|-------------------------------|---------------------|
| TOTAL           | 1,055                         | 100.0               |
|                 |                               |                     |
| Less than 30    | 78 78 bo 44 bores a week.     | nt sultip ad 7.4    |
| 30–34           | 125                           | 11.8                |
| 35–39           | 267                           | 25.3                |
| 40-44           | estating 29 parent, work last |                     |
|                 | svewall rear agent to where   |                     |
|                 | 900 to 84 2645 or 85 8 1068   |                     |
| 55–59           | 7                             | 0.7                 |
| 60 or more      | 12                            | 1.1                 |

rage, of 40.7, hours, in Regions, 5, 12 and 13. to a memoral 55. 1 hours for

Table 19: Distribution of Dentists According to Number of Weeks Worked

| Number of Weeks | Number    | of Denti | sts Pe | rcent of Den | tists |
|-----------------|-----------|----------|--------|--------------|-------|
| TOTAL           | 18 \$4.00 | 1,045    |        | 100.0        |       |
| Less than 40    |           | 73       |        | 7.0          |       |
| 40-44           |           | 128      |        | 12.2         |       |
| 45              |           | 50       | 30.7   | 4.8          |       |
| 46              |           | 85       |        | 8.1          |       |
| 47              |           | 90       |        | 8.6          |       |
| 48              |           | 282      |        | 27.0         |       |
| 49              |           | 113      |        | 10.8         |       |
| 50              |           | 176      |        | 16.8         |       |
| 51              |           | 20       |        | 1.9          |       |
| 52              |           | 28       |        | 2.7          |       |
| e.a .           | 1,44      |          | 37.6   | 1.1          |       |
|                 | E. 84     |          |        | 12           |       |
|                 |           |          |        |              |       |
| 5,5             |           |          |        |              |       |
|                 |           |          |        |              |       |
|                 |           |          |        |              |       |

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Table 20: Mean Number of Hours in Office, Number of Weeks Worked, and Number of Weeks on Vacation, by State and Region

| Region  | Hours in Off | ice Weeks Work | ed Weeks on Vacation |
|---------|--------------|----------------|----------------------|
| STATE   | 38.3         | 46.1           | 5.9                  |
| 10 V 37 | 38.9         | 45.5           | 6.5                  |
| 2       | 38.0         | 46.0           | 6.0                  |
| 3       | 38.7         | 46.7           | 5.3                  |
| 4       | 37.2         | 45.5           | 6.5                  |
| 5       | 40.3         | 46.5           | 5.5                  |
| 6       | 40.7         | 47.7           | 4.3                  |
| 7       | 36.2         | 44.1           | 7.9                  |
| 8       | 38.8         | 46.6           | 5.4                  |
| 9       | 37.6         | 47.6           | 4.4                  |
| 10      | 38.5         | 46.2           | 5.8                  |
| 11      | 37.6         | 46.1           | 5.9                  |
| 12      | 40.7         | 46.3           | 5.7                  |
| 13      | 40.7         | 46.7           | 5.3                  |
| 14      | 38.5         | 46.5           | 5.5                  |
| 15      | 38.9         | 44.8           | 7.2                  |
| 16      | 38.0         | 45.9           | 6.1                  |

Table 21: Mean Number of Hours in Office, Number of Weeks Worked, and Number of Weeks on Vacation, by Type of Practice

| Type of Practice      | Hours in Office | Weeks Worked | Weeks on Vacation |
|-----------------------|-----------------|--------------|-------------------|
| All Types of Practice | 38.3            | 46.1         | 5.9               |
| General Practitioner  |                 |              |                   |
| Specialists           | 38.4            | 45.7         | 6.3               |
| Oral Surgeon          | 41.0            | 46.1         | 5.9               |
| Orthodontist          | 38.2            | 45.4         | 6.6               |
| Pedodontist           | 35.9            | 46.3         | 5.7               |
| Periodontist          | 37.2            | 45.4         | 6.6               |
| 55-59                 | 37.7            |              |                   |

An average Iowa dentist works 38 hours a week and 46 weeks a year.

In general, the average number of hours dentists spend in the office increased as the dentists mature from age 29 or younger to age 54. After age 54, the average work week gradually becomes shorter.

Similarly, after age 54, the average number of weeks worked in a year by dentists gradually declines. Although dentists aged 75 or older average the fewest number of hours per week in the office, dentists in the youngest age group work an average of 5.5 fewer weeks a year than dentists in the oldest age group.

Table 22: Mean Number of Hours in Office, Number of Weeks Worked, and Number of Weeks on Vacation, by Age of Dentists

|      |  | Weeks on Vacation   |
|------|--|---|
|      |  |   |
| 38.4 | 46.2   | 5.8   |
|      |  |   |
| 37.9 | 38.9   | 13.1  |
| 39.5 | 47.2   | 4.8   |
| 39.2 | 46.8   | 5.2   |
| 39.3 | 47.1   | 4.9   |
|      |  | 4.7   |
| 40.1 | 47.1   | 4.9   |
| 37.7 | 46.0   | 6.0   |
| 37.9 | 46.2   | 5.8   |
| 34.0 | 45.0   | 7.0   |
| 35.3 | 42.3   | 9.7   |
| 29.2 | 44.4   | 7.6   |
|      | 38.4<br>37.9<br>39.5<br>39.2<br>39.3<br>40.4<br>40.1<br>37.7<br>37.9<br>34.0<br>35.3 | 38.4       46.2         37.9       38.9         39.5       47.2         39.2       46.8         39.3       47.1         40.4       47.3         40.1       47.1         37.7       46.0         37.9       46.2         34.0       45.0         35.3       42.3 |

mitument fighten 12, and the lower redden in legion 1, is 1,652 yearly

patient mittings Additionally, to A regions the median numbers of paties

l againsta fancos aros to PGC ya nellik spakiosk tol mass ded samtilike

rding for Irde, 3,130.

## AND THE PATIENT SITTINGS IN TENTED AND THE

#### Table 23

Concerning the distribution of dentists according to the number of patient sittings per year:

Patient sittings for 1/5 of the dentists in the state, number less than 2,000 per year.

About a fourth, 26 percent, of Iowa dentists have 2,000 to 2,999 annual patient sittings.

And, 29 percent of the dentists have yearly patient sittings of 4,000 or more in number.

### Table 24

Considerable differences between regions are evident concerning the average annual numbers of patient sittings. Dentists in Region 12 have a mean number of annual patient sittings which is 1,103 sittings greater than the mean for the dentists in Region 3. Moreover, the mean numbers of sittings with dentists in 5 regions vary by 400 or more annual patient sittings from the 3,353 mean for all the dentists in the state.

Median numbers of annual patient sittings attended by dentists in different regions also vary considerably. The difference between the highest median, in Region 12, and the lowest median in Region 1, is 1,452 yearly patient sittings. Additionally, in 4 regions the median numbers of patient sittings per year for dentists differ by 500 or more annual sittings from the median for Iowa, 3,150.

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Table 23: Distribution of Dentists According to Number of Patient Sittings

| rentities t | nels 3 de  |      |
|-------------|--|------|
|             | 983  |      |
|             | ett gelagget 17.00 ere sen ei<br>Sent-atte te gleig, et 25 te  |      |
| 500-999     |  | 3.9  |
|             | 64   |      |
| 1,500-1,999 | 16 2.16 (1992   170 mm   170 m |      |
| 2,000-2,499 | 128  | 13.0 |
| 2,500-2,999 | 124  | 12.6 |
| 3,000-3,499 | 106  | 10.7 |
| 3,500-3,999 | 134 Magai  | 13.6 |
| 1,9000      | 75 - 1 1 1 1 1 1 1   |      |
| 4,500-4,999 | 73   | 7.4  |
| 5,000-5,499 | 43   |      |
| 5,500-5,999 | 21   | 2.1  |
|             | 26   | 2.6  |
| 6,500-6,999 | 14   | 1.4  |
| 7,000+      | 40   | 4.0  |
| DETE.       |  |      |

Table 24: Average Annual Number of Patient Sittings

By State and Region

| State and Region           | Average A | nnual Number<br>nt Sittings |
|----------------------------|-----------|-----------------------------|
| 1 998s, box sees of        | Mean Mean | Median                      |
| STATE                      | 3353      | 3150                        |
| Region                     |           |                             |
| Total Parket and the same  | 2973      | 2550                        |
| 2                          | 2946      | 2640                        |
| 3                          | 2904      | 2940                        |
| angola da 4 a pancina hara | 3122      | 2843                        |
| int sumber of partient     | 3316      | 2815                        |
| of manua perturbative      | 3546      | 3443                        |
| cathe denflace in Taxan    | 3754      | 3840                        |
| du t seriena vary          | 3316      | 2940                        |
| en for e91 the described   | 3687      | 3405                        |
| proper 10 manual post      | 3510      | 3290                        |
| grant all are county       | 3247      | 3185                        |
| agalor 112 and the local   | 4007      | 4002                        |
| tines. 13 irionalir. is    | 3388      | 3135                        |
| year 114 avactors dill     | 3716      | 3225                        |
| 15 .                       | 2935      | 2744                        |
| 16                         | 3569      | 3264                        |

Analyses of the average annual numbers of patient sittings for dentists who practice in cities of different sizes indicate:

In cities with 50,000 to 100,000 inhabitants, dentists have relatively high average numbers of patient sittings per year.

Average annual patient sittings are even higher in number for dentists in cities of 25,000 to 50,000 populations.

Contrarily, dentists who practice in the smallest cities, where 2,500 or fewer people reside, average the lowest number of yearly patient sittings.

# Table 26

How do dentists in the different types of practice vary in relation to average annual numbers of patient sittings?

Oral Surgeons are the specialists with the highest average number of patient sittings per year.

General Practitioners average fewer annual patient sittings than the specialists, except for the Periodontists.

Actually, among all the types of practices, the Periodontists have the lowest average number of yearly patient sittings.

Table 25: Average Annual Number of Patient Sittings By Size of City

| Size of City         | of Patie | nnual Number<br>nt Sittings |
|----------------------|----------|-----------------------------|
| le andrew agarain de | Mean     | Median                      |
| TOTAL                | 3353     | 3150                        |
| Under 2,500          | 2715     | 2500                        |
| 2,500 - 5,000        | 3261     | 3168                        |
| 5,000 - 10,000       | 3305     | 3168                        |
| 10,000 - 25,000      | 3264     | 3241                        |
| 25,000 - 50,000      | 3742     | 3600                        |
| 50,000 - 100,000     | 3566     | 3290                        |
| 100,000+             | 3487     | 3250                        |
|                      |          |                             |

Table 26: Average Annual Number of Patient Sittings
By Type of Practice

| Type of Practice                     | Average Ar | nnual Number<br>nt Sittings |
|--------------------------------------|------------|-----------------------------|
| a same near as the young decitets in | Mean       | Median                      |
| All Types of Practice                | 3353       | 3150                        |
| General Practitioner                 | 3186       | 3015                        |
| All Specialists                      |            | 4700                        |
| Oral Surgeon                         | 4898       | 4925                        |
| Orthodontist On the America          | 4658       | 4800                        |
| Pedodontist                          | 4407       | 4000                        |
| Periodontist                         | 2805       | 2500                        |

As the ages of dentists increase from 29 or younger to 40-44, the mean annual numbers of patient sittings for dentists also increase. After age 44, however, a gradual decrease occurs in the mean numbers of patient sittings per year. Dentists aged 65-69 have about the same mean as the young dentists in the 29 and under age group. The dentists in the two oldest age groups (70-74 and 75 and older) have the lowest mean numbers of annual patient sittings.

The relationship between the ages of the dentists and the median annual number of patient sittings is generally the same as the relationship between ages and means. That is, increasing median numbers of patient sittings for the younger age groups and decreasing medians for the older age groups, except the peak in the median is at age 45-49 instead of 40-44.

Table 27: Average Annual Number of Patient Sittings
By Age of Dentists

| Average A | nnual Number<br>nt Sittings   |
|-----------|---|
|           | Median Median   |
|           | Inc required for each part  |
| 3353      | 3150  |
| 2287      | 2120  |
| 3429      | 3360  |
| 3929      | 3750 add grown  |
|           | 3750  |
| 4020      | 3780  |
|           | 3600 Justing sgrays   |
|           | 2750  |
|           | 2752  |
| 2276      | 1974  |
| 1684      | 1600  |
| 1272      | 1176  |
|           | Average A of Patie Mean  3353  2287  3429  3929  4034  4020  3759  3105  2817  2276  1684 |

Concerning the average length of patient sittings, dentists in all types of practice are very evenly divided; half require 1/2 hour or less and 1/2 require 3/4 of an hour or more. However, considerable differences between General Practitioners and all Specialists are evident regarding the average time required for each patient sitting. Less than half, 45 percent, of the General Practitioners have average patient sittings of 1/2 hour or less. In contrast, the large majority of all Specialists, 87 percent, require 1/2 hour or less per patient sitting.

Among the various types of Specialists, the average length of patient sittings is shortest for Orthodontists. Nearly all Orthodontists, 97 percent, practice using 1/2 hour or less per patient. About 9 of 10 Pedodontists have average patient sittings of 1/2 hour or less. Similarly, nearly 8 of 10 of the Oral Surgeons require 1/2 hour or less per patient sitting.

Periodontists, in contrast, are the specialists with the longest average length of patient sittings, all require 3/4 of an hour or longer.

|                          | 907 125 29 66 24 | house a second and a second and a second a secon | 380      |          | 157    |             |
|--------------------------|------------------|--|----------|----------|--------|-------------|
|                          | 206              | 28   | 380      | 322      |        |             |
| All Types<br>of Practice | 1,032            | 88   | 435      | 332      | 163    | 20          |
| Length of<br>Sitting     | TOTAL            | 1/4 Hour   | 1/2 Hour | 3/4 Hour | 1 Hour | Over 1 Hour |

In both the youngest and oldest age groups, the largest proportion of dentists within the two age groups average 3/4 of an hour per patient sitting. Among the three age groups including dentists aged 30-59, the greatest proportion of dentists within each age group have shorter average patient sittings, of 1/2 hour. Like the oldest and youngest dentists, the largest proportion of dentists aged 60-69 average 3/4 of an hour per patient sitting. Nearly the same proportion average 1/2 hour, though. These findings indicate that dentists utilize longer patient sittings when they begin practice, then decrease the length of sittings until they reach ages 60, after which the length of patient sittings increases.

Among the dentists in the 40-49 age group, 13 percent average 1/4 of an hour per patient sitting. No other age group has as high a percentage of dentists who average 1/4 hour sittings. Also the 40-49 age group is one of the age groups with the largest proportion of dentists who average 1/2 hour per patient sitting. The other is the 30-39 age group; 48 percent of the dentists in both groups have average patient sittings of 1/2 hour. More than half, 56 percent, of the dentists aged 29 or younger average 3/4 of an hour per patient sitting. This is the age group with the largest proportion of dentists who average 3/4 of an hour. Within the 70 and over age group, 29 percent of the dentists utilize 1 hour patient sittings and 4 percent average over 1 hour. All of the other age groups have lower proportions of dentists who average 1 hour or more.

Table 29: Average Length of Patient Sittings, by Age of Dentists

|                   | Total |          |       | Age of | Dentists |                      |                 |
|-------------------|-------|----------|-------|--------|----------|----------------------|-----------------|
| Length of Sitting |       | -29      | 30-39 |        | 50-59    |                      | 70 <del>+</del> |
| TOTAL             | 1,032 | 41       | 248   | 276    | 242      | 128                  | 97              |
| 1/4 Hour          |       |          |       |        |          | ada <b>11</b> Eda aw | -               |
| 1/2 Hour          | 435   | 9        | 120   | 133    | 110      | want e88dent         | 25              |
| 3/4 Hour          | 332   | 23       | 78    | 76     | 74       | 41                   | 40              |
| 1 Hour            | 163   | a 7 7 ml | 30    | 26     | 38       | 1118340 100          | 28              |
| Over 1 Hour       | 20    | 1        | 1     | 6      | 4        | 4ejsje               | 4               |

### X. PRACTICE BUSYNESS

# Table 30

Compared to the proportions of dentists with any one of the other descriptions of practice busyness, the largest proportions of dentists in Regions 13 and 15 were too busy to treat all people requesting appointments.

Region 14 is the only region where the greatest percentage of dentists within the region felt overworked while providing treatment for everyone who wanted dental care.

Dentists with a description of practice busyness--not busy enough--do not constitute the largest proportion of dentists within any regions in the state.

However, within 3/4 of the regions in Iowa the description of practice busyness for the greatest proportions of dentists in each region was well balanced between the demand for dental care and the ability to provide treatment.

Although relatively large percentages of dentists within most of the regions had a well balanced description of practice busyness, none of the regions have a busyness index of 2.0. Busyness indexes range from 2.2 in Region 10 to 3.1 in Region 13. Accordingly, the average dentist in most regions provided dental care for all who wanted it, but felt more or less overworked

of 30:

| Description of  | STA   | STATE       | Reg | Region 1 | Reg | Region 2 | Reg | Region 3 | Re   | Region 4 | Reg | Region 5 |
|---|-------|-------------|-----|----------|-----|----------|-----|----------|------|----------|-----|----------|
| ractice busyness  | No.   | Pct.        | No. | Pct.     | No. | Pct.     | No. | Pct.     | No.  | Pct.     | No. | Pct.     |
| TOTAL   | 1,045 | 1,045 100.0 | 34  | 100.0    | 20  | 100.0    | 63  | 100.0    | 62   | 100.0    | 53  | 100.0    |
| Too busy to treat all people  |       |             |     |          |     |          |     |          |      |          |     |          |
| requesting appointments.  | 253   | 24.2        | 11  | 32.4     | 13  | 18.6     | 15  | 23.8     | 22   | 35.5     | 10  | 18.9     |
| Provided dental care for all who requested appointments, but felt overworked (too |       |             |     |          |     |          |     |          |      |          |     |          |
| tushed, or worked too many hours).  | 189   | 18.1        | 11  | 32.4     | 21  | 30.0     | 10  | 15.9     | 11   | 17.7     | 00  | 15.1     |
| Provided dental care for all who requested appointments,                          |       |             |     |          |     |          |     |          |      |          |     |          |
| had enough patients, and did not feel overworked.                                 | 481   | 0.94        | 12  | 35.3     | 28  | 0.04     | 29  | •        | 28   | 45.2     | 25  | 47.2     |
| Not busy enoughwould have<br>liked more patients.                                 | 122   | 11.7        | 0 1 | 0.0      | ∞   | 11.4     | 0   | 14.3     | 25 - | 1.6      | 10  | 18.9     |
| Busyness Index  |       | 2.5         |     | 3.0      |     | 2.6      |     | 2.5      |      | 2.9      |     | 2.3      |

Table 30: Distribution of Dentists According to Description of Practice Busyness by State and Region (continued)

| Description of   | Reg   | ion 6 | Reg               | ion 7         | Reg | ion 8 | Reg | ion 9 | Regi | on 10 | Regi | on 11 |
|--|-------|-------|-------------------|---------------|-----|-------|-----|-------|------|-------|------|-------|
| Practice Busyness  | No.   | Pct.  | No.               | Pct.          | No. | Pct.  | No. | Pct.  | No.  | Pct.  | No.  | Pct.  |
| TOTAL COLOR  | 37    | 100.0 | 76                | 100.0         | 49  | 100.0 | 89  | 100.0 | 128  | 100.0 | 204  | 100.0 |
| Too busy to treat all people   |       |       |                   |               |     |       |     |       |      |       |      |       |
| requesting appointments.   | 11    | 29.7  | 15                | 19.7          | 15  | 30.6  | 18  | 20.2  | 21   | 16.4  | 33   | 16.2  |
| Provided dental care for all who requested appointments, but felt overworked (too rushed, or worked too many | H 199 |       | National Services | delication of | 437 |       | 70  | 1228  |      | 11.7  | 20   | 12.1  |
| hours).  | 4     | 10.8  | 16                | 21.1          | 10  | 20.4  | 8   | 9.0   | 15   | 11.7  | 39   | 19.1  |
| Provided dental care for all who requested appointments, had enough patients, and                            |       |       |                   |               |     |       |     |       |      |       |      |       |
| did not feel overworked.   | 17    | 45.9  | 40                | 52.6          | 24  | 49.0  | 54  | 60.7  | 64   | 50.0  | 95   | 46.6  |
| Not busy enoughwould have liked more patients.   | 5     | 13.5  | 5                 | 6.6           | 10  | 0.0   | 9   | 10.1  | 28   | 21.9  | 37   | 18.1  |
| Busyness Index   |       | 2.6   |                   | 2.5           |     | 2.8   |     | 2.4   |      | 2.2   |      | 2.3   |

Table 30: Distribution of Dentists According to Description of Practice Busyness by State and Region (continued)

| Description of   | Reg | ion 12 | Reg       | ion 13 | Regi  | on 14 | Reg        | ion 15 | Reg    | ion 16 |
|--|-----|--------|-----------|--------|-------|-------|------------|--------|--------|--------|
| Practice Busyness  | No. | Pct.   | No.       | Pct.   | No.   | Pct.  | No.        | Pct.   | No.    | Pct.   |
|  |     | 3 6    | Per       | E The  | - Jee | 43    | Peta       | b 1854 | E Por. |        |
| TOTAL  | 26  | 100.0  | 57        | 100.0  | 14    | 100.0 | 43         | 100.0  | 40     | 100.0  |
|  |     |        |           |        |       |       |            |        |        |        |
| Too busy to treat all people   |     |        | St. 10.17 |        |       |       |            |        |        |        |
| requesting appointments.   | 7   | 26.9   | 29        | 50.9   | 3     | 21.4  | 18         | 41.9   | 12     | 30.0   |
| Provided dental care for all who requested appointments, but felt overworked (too rushed, or worked too many |     |        | 330 dasar |        |       |       |            |        |        |        |
| hours).  |     | 23.1   | 9         | 15.8   | 5     | 35.7  | <b>5</b> 9 | 20.9   | 7      | 17.5   |
| Provided dental care for all who requested appointments, had enough patients, and                            |     |        |           |        |       |       |            |        |        |        |
| did not feel overworked.   | 11  | 42.3   | 16        | 28.1   | 4     | 28.6  | 15         | 34.9   | 19     | 47.5   |
| Not busy enoughwould have  |     |        |           |        |       |       |            |        |        |        |
| liked more patients.   | 2   | 7.7    | 3         | 5.3    | 2     | 14.3  | 1          | 2.3    | 2      | 5.0    |
| Busyness Index   |     | 2.7    |           | 3.1    |       | 2.6   |            | 3.0    |        | 2.7    |

About a third of the dentists in cities with 5,000 to 10,000 residents were too busy in 1972. No other classification of city size contains such a large proportion of dentists who were too busy to treat all people requesting appointments.

The smallest cities are the cities with the largest percentage of dentists who provided dental care for everyone who wanted it, but were overworked by providing such care.

Within cities of 25,000 to 100,000 populations, more than half of the dentists have practices which are ideal concerning the demand for dental treatment and the busyness required to provide treatment. Actually, as was the case in most of the regions, this well balanced description of practice busyness also applies to the greatest proportions of dentists in all cities, regardless of size.

In the largest cities, 22.3 percent of the dentists were not busy enough.

All of the relatively smaller cities, with less than 100,000 residents, have

lesser proportions of dentists who would like to have been busier in 1972.

| - 建环境工业会会等 工业的有效  | 100<br>100<br>100 | ber   | dia.<br>In | r, s<br>Lega | Size | Size of City | ir.   | ores<br>Sear<br>Chare |
|---|-------------------|-------|------------|--------------|------|--------------|-------|-----------------------|
| Description of<br>Practice Busyness   | TOTAL             | AL TH | Under      | 2,500        | 2,50 | 2,500-5,000  | 5,000 | 5,000-10,000          |
| THE COURT CONTRACT AND  | No.               | Pct.  | No.        | Pct.         | No.  | No. Pct.     | No.   | Pct.                  |
| STATE   | 1,045             | 100.0 | 164        | 100.0        | 117  | 100.0        | 168   | 100.0                 |
|   |                   |       |            |              |      |              |       |                       |
| Too busy to treat all people requesting appointments.                             | 253               | 24.2  | 42         | 25.6         | 33   | 28.2         | 55    | 32.7                  |
| Provided dental care for all who requested appointments, but felt overworked (too |                   |       |            |              |      |              |       |                       |
| rushed, or worked too many hours).  | 189               | 18.1  | 97         | 28.0         | 13   | 11.1         | 07    | 23.8                  |
| Provided dental care for all who requested appointments,                          |                   |       |            |              |      |              |       |                       |
| had enough patients, and did not feel overworked.                                 | 481               | 0.94  | 65         | 39.6         | 57   | 48.7         | 09    | 35.7                  |
| Not busy enoughwould have liked more patients.                                    | 122               | 11.7  | 11         | 6.7          | 14   | 12.0         | 13    | 7.7                   |
| Busyness Index  |                   | 2.5   |            | 2.7          |      | 2.5          |       | 2.8                   |
|   |                   |       |            |              |      |              | 1     |                       |

by Busyness of Description Dentists According to of Distribution Table

| Description of Practice Busyness No. Pct. No. Pct. No. Pct. No. Pct. No. Pct. No. Pct. Pct. No. Pct. N |  |   |                |              | Size               | Size of City |          |               |           |
|--|--|---|----------------|--------------|--------------------|--------------|----------|---------------|-----------|
| No.       Pet.       No.       Pet.       No.       I         78       100.0       160       100.0       170       100.0       188       1         22       28.2       34       21.3       45       26.5       22         22       28.2       34       21.3       45       26.5       22         13       16.7       20       12.5       27       15.9       30         35       44.9       82       51.3       88       51.8       94         8       10.3       24       15.0       10       5.9       42         2.6       2.6       2.4       2.6       2.6       2.6  |  | 10,00   | 0-25,000       | 25           | 0-50,000           | 50,000       | -100,000 | 100,000       | and Over  |
| 78     100.0     160     100.0     170     100.0     188     11       22     28.2     34     21.3     45     26.5     22       13     16.7     20     12.5     27     15.9     30       13     16.7     20     12.5     27     15.9     34       35     44.9     82     51.3     88     51.8     94       8     10.3     24     15.0     10     5.9     42       2.6     2.4     2.6     2.4     2.6   | לבות הבל לפפי מעשראמרא   |   | Pct.           | No.          | Pct.               | No.          | Pct.     | No.           | Pct.      |
| 22 28.2 34 21.3 45 26.5 22<br>13 16.7 20 12.5 27 15.9 30<br>35 44.9 82 51.3 88 51.8 94<br>8 10.3 24 15.0 10 5.9 42<br>2.6 2.4 2.6  |  | CONSTITUTE OF STITUTE | 100.0          | 160          | 100.0              | 170          | 100.0    | 188           | 100.0     |
| 13     16.7     20     12.5     27     15.9     30       35     44.9     82     51.3     88     51.8     94       8     10.3     24     15.0     10     5.9     42       2.6     2.4     2.6   | Too busy to treat all people requesting appointments.  |   | 28.2           | 322.3 par    | 513 chd            | 45           | 26.5     | 22            | 11.7      |
| 35 44.9 82 51.3 88 51.8 94<br>8 10.3 24 15.0 10 5.9 42<br>2.6 2.4 2.6  | Provided dental care for all who requested appointments, but felt overworked (too rushed, or worked too many hours). |   | . with like to | t proportion | 12.5 properties of | Lillynga ngo | 15.9     | ue ti Mat 100 | 16.0 16.0 |
| 8 10.3 24 15.0 10 5.9 42 2 2.6 2.6   | Provided dental care for all who requested appointments, had enough patients, and did not feel overworked.           | 35  | 44.9           |              | 51.3               | 88           | 51.8     | of start a    | 50.0      |
| 2.6  | Not busy enoughwould have liked more patients.   | 00  | 10.3           | 24           | 15.0               | 10           | 5.9      | 42            | 22.3      |
|  | Busyness Index   |   | 2.6            | ail          | 2.4                |              | 2.6      |               | 2.1       |
|  |  |   |                |              |                    |              |          |               |           |

Most General Practitioners were busy in 1972 and 45 percent were either too busy to provide dental care or were overworked in providing dental care for all people requesting appointments. However, over 10 percent were not busy enough and would have liked more patients.

Thirty-six percent of Oral Surgeons were either too busy or overworked, but 10 percent felt they were not busy enough.

A majority of the Orthodontists were busy, however, nearly a fourth, 23 percent, were not busy enough and would have liked more patients.

Similarly, 1/4 of the Pedodontists and 1/3 of the Periodontists were not busy enough, although most of the dentists in those two types of practice were busy last year. Generalizations concerning the practice busyness of the small number of Periodontists (6) should be made carefully, however

of 32:

|  |             |  | Type of Practice   | e o                                |                  |
|--|-------------|--|--------------------|------------------------------------|------------------|
| Description of<br>Practice Busyness  | TOTAL       | General<br>Practitioner  | A11<br>Specialists |                                    | Oral<br>Surgeons |
|  | No. Pct.    | No. Pct.   | No. Pct.           |                                    | No. Pct.         |
| TOTAL  | 1,045 100.0 | 915 100.0  | 130 100.0          | 0                                  | 1 100.0          |
| Too busy to treat all people requesting appointments.  | 253 24.2    | 243 26.6   | 10 7.7             | erengi<br>erengi<br>umata          | 4 12.9           |
| Provided dental care for all who requested appointments, but felt overworked (too rushed, or worked too many hours). | 189 18.1    | 170 18.6   | 19 14.             | politiments.                       | 7 22.            |
| Provided dental care for all who requested appointments, had enough patients, and did not feel overworked.           | 481 46.0    | 407 44.5   | 74 56.9            | e ranger<br>of garage<br>of have 1 | 7 54.8           |
| Not busy enoughwould have liked more patients.   | 122 11.7    | 95 10.4  | 27 20.8            | ale pequal                         | Layen            |
| Busyness Index   | 2.5         | of the same of the | 5.0                | nad<br>inad                        | . 2              |

Nearly 1/4 of the dentists in Iowa felt they were too busy to fulfill all of the requests made to them for dental care in 1972. However, compared to the other descriptions of practice busyness, the description was ideal for the largest proportion, 46 percent, of the dentists in the state.

According to the busyness index, the average dentist may or may not have felt overworked, but did provide dental care for all people who requested appointments. The busyness index of 2.5 resulted from an average based on a 4 point system:

The assignment of 4 points to dentists who felt they were too busy to treat all patients.

Dentists who felt overworked, but were able to treat all people who wanted dental care were assigned 3 points.

(2.5)

2 points were assigned to dentists who felt they were not overworked, had enough patients, and provided dental care to everyone asking for appointments.

And, the assignment of 1 point to dentists who felt they were not busy enough.

Concerning practice busyness by the age groups of dentists, the greatest proportion of dentists in all age groups, except the youngest, experience ideal practice busyness. That is, in all but the 29 and younger age group, the largest proportion of dentists have a busyness index of 2.

Considering the 4 descriptions of practice busyness separately, the largest numbers of dentists who were too busy to treat all people requesting appointments are either in the 40-49 or 50-59 age groups. Also within the same two age groups are the largest numbers of dentists who fulfilled all requests for treatment, but felt overworked.

30-49

Table 33: Distribution of Dentists According to Description of Practice Busyness by Age

|   |       |       |      |       |     | Age   |     |       |
|---|-------|-------|------|-------|-----|-------|-----|-------|
| Description of Practice Busyness  | A11   | Ages  |      | -29   | 30  | 0–39  | 40  | )–49  |
| did tico fect overwrived.   | No.   | Pct.  | No.  | Pct.  | No. | Pct.  | No. | Pct.  |
| TOTAL   | 1,045 | 100.0 | 26   | 100.0 | 252 | 100.0 | 280 | 100.0 |
| (man)   |       |       |      |       |     |       |     |       |
| Too busy to treat all people requesting appointments.                             | 253   | 24.2  | 2    | 7.7   | 46  | 18.3  | 66  | 23.6  |
| Provided dental care for all who requested appointments,                          |       |       |      |       |     |       |     |       |
| but felt overworked (too rushed, or worked too many                               |       |       |      |       |     |       |     |       |
| hours).   | 189   | 18.1  | 4    | 15.4  | 32  | 12.7  | 66  | 23.6  |
| Provided dental care for all who requested appointments, had enough patients, and |       |       |      |       |     |       |     |       |
| did not feel overworked.  | 481   | 46.0  | 9    | 34.6  | 122 | 48.4  | 117 | 41.8  |
| Not busy enoughwould have   |       |       |      |       |     |       |     |       |
| liked more patients.  | 122   | 11.7  | - 11 | 42.3  | 52  | 20.6  | 31  | 11.1  |
| Busyness Index  |       | 2.5   |      | 1.8   |     | 2.2   |     | 2.5   |
|   |       |       |      |       |     |       |     |       |

Practice to According Dentists of Distribution

|   |     |       |     |       | Age |       |              |                     |
|---|-----|-------|-----|-------|-----|-------|--------------|---------------------|
| Description of Practice Busyness  | 20  | 50-59 | 09  | 69-09 |     | 407   | Not          | Stated              |
| did not feel oresmorked.  | No. | Pct.  | No. | Pct.  | No. | Pct.  | No.          | Pct.                |
| SPO LCHOSEC TOTAL FOR ST  | 252 | 100.0 | 132 | 100.0 | 94  | 100.0 | 6<br>Intlint | 100.0               |
| Too busy to treat all people<br>requesting appointments.                          | 72  | 28.6  | 39  | 29.5  | 26  | 27.7  |              | 22.2                |
| Provided dental care for all who requested appointments, but felt overworked (too |     |       |     |       |     |       |              |                     |
| rushed, or worked too many hours).  | 51  | 20.2  | 18  | 13.6  | 17  | 18.1  | eurb         | THE PERSON NAMED IN |
| Provided dental care for all who requested appointments, had enough patients, and |     |       |     |       |     |       |              |                     |
| did not feel overworked.  | 110 | 43.7  | 70  | 53.0  | 48  | 51.1  | 2            | 55.6                |
| Not busy enoughwould have<br>liked more patients.                                 | 19  | 7.5   | 5   | 3.8   | 3   | 3.2   | nation of    | 11                  |
| Busyness Index  |     | 2.6   |     | 2.6   |     | 2.7   |              | 2.4                 |

### esta di balbusato rew vitago XI. SUMMARY vitago su no relevitado e

# Locations of Dentists

- Highly populated counties and regions are the locations for the largest numbers of Iowa dentists.
- Adams, Clarke, Guthrie, and Louisa Counties each have only one dentist.
- Only 17 dentists practice in Region 14.
- About half of the dentists in the state practice in the 16 cities with 25,000 or more residents.

# Population - Dentist Ratios - Length of handless are of many these federal

- The Iowa population numbers 2,410 for each dentist in the state.
- In the highly populated counties and regions with the largest numbers of dentists the population-dentist ratios are not the lowest in comparison to ratios in other locations.

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- Johnson County has the lowest population-dentist ratio in the state, 803; a largest proportion of the dentists are associated with The University of Iowa, however. The highest ratio is 12,700 in Guthrie County.
  - Population-dentist ratios for regions vary from 1,701 in Region 10 to 3,700 for Region 14.

# Ages of Dentists and any of the second of th

- Almost half of the Iowa dentists are 50 years of age or older, nearly one-fourth are 60 and over, 1 of 10 is aged 70 or older.
- In 16 counties, 50 percent or more of the dentists are 39 and younger.
- One-half or more of the dentists in 17 counties, however, are 60 or older.
- Among the dentists in 6 counties, half are aged 70 or older.
- Region 14 has the highest proportions of both younger and older dentists.

# Educational Backgrounds of Dentists

• A substantial majority of Iowa dentists, 80 percent, graduated from The University of Iowa College of Dentistry in Iowa City.

• The Creighton University School of Dentistry was attended by the largest number of out of state graduates.

## Operatories

- According to the mean number of operatories, General Practitioners utilize 2 operatories.
- The average number of operatories used by specialists is 3.
- Dentists in all age groups have an average of 2 operatories.

### Auxiliary Personnel

- Dental assistants are employed by dentists in much greater numbers than any of the other 3 types of personnel. Actually, the number of full-time dental assistants in Iowa is larger than the combined number of full-time hygienists, laboratory technicians, and secretaryreceptionists.
- Like the locations of dentists, the locations for the largest numbers of auxiliary personnel are the big counties and regions.
- Counties and regions with the largest numbers of auxiliary personnel do not, however, have the highest average numbers of auxiliaries per dentist.

# The Work Week and Work Year of Dentists

- A majority of Iowa dentists, 55 percent, spend 40 or more hours in the office each week. The mean number of hours in the office is lower, 38.3 hours per week for all dentists.
- Iowa dentists work an average of 46 weeks in a year, but 3 of 5 dentists work 48 or more weeks.

### Patient Sittings

- In Iowa, the mean number of annual patient sittings for all dentists is 3,353. The median is lower. Half of the dentists have more than 3,150 patient sittings per year while half have fewer.
- The average length of patient sittings is one-half hour or less for half of the Iowa dentists. At least three-fourths of an hour is the average time spent per patient sitting for the remaining 50 percent of the dentists.

# The Practice Busyness of Dentists

- Nearly one-fourth of the dentists in the state felt they were too busy to treat all people requesting appointments.
- The largest proportion of dentists, 46 percent, described their practices as well balanced concerning the demand for dental care and the ability to provide such care.
- An average of the descriptions of practice busyness for all of the dentists is halfway between the two descriptions: provided dental care for all who requested appointments, but felt overworked; and provided dental care for all who requested appointments, had enough patients, and did not feel overworked.

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