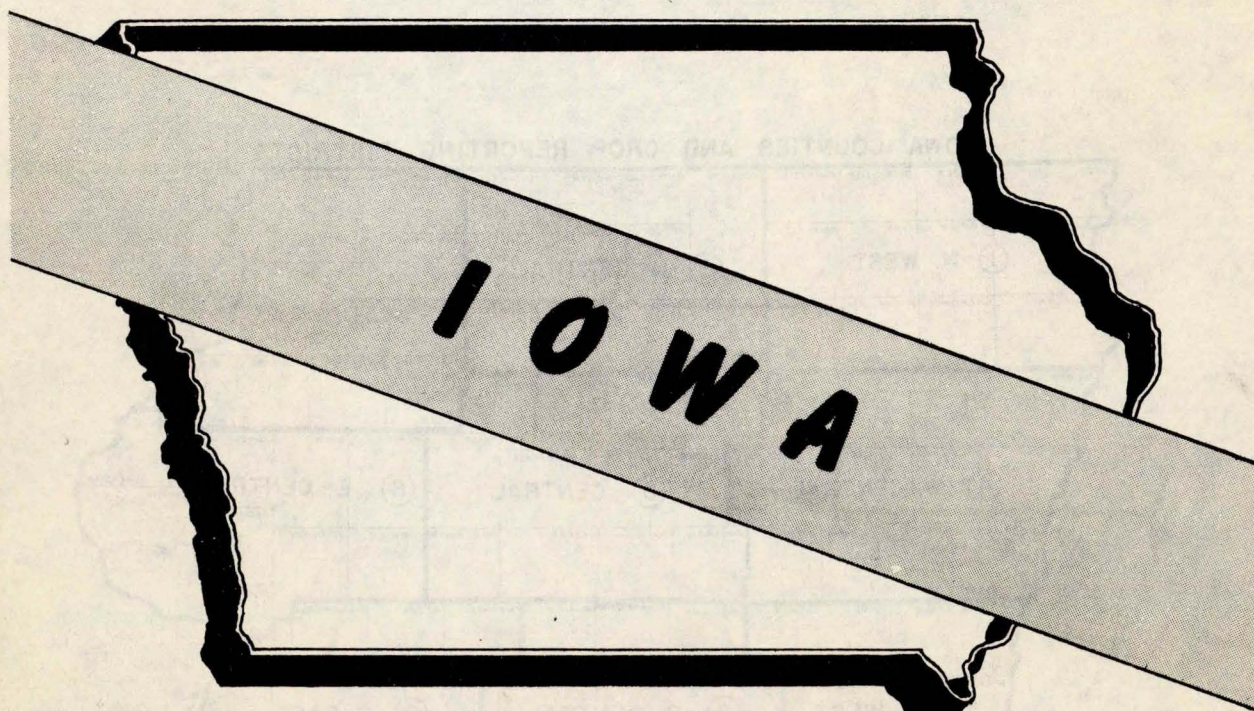


HD  
1751  
.A5  
1963

# CHICKEN and EGG PRODUCTION

(STATE AND COUNTY PATTERNS)

IN



IOWA  
637.5  
IOW  
1963

**Iowa Crop And Livestock Reporting Service**

U. S. DEPARTMENT OF AGRICULTURE  
Statistical Reporting Service

IOWA DEPARTMENT OF AGRICULTURE  
Division of Agricultural Statistics

Des Moines

IOWA STATE TRAVELING LIBRARY  
DES MOINES, IOWA

September 1963



IOWA  
637.5  
IOW  
1963

## CHICKEN AND EGG PRODUCTION IN IOWA

unb.

Cooperation of the State Department of Agriculture and United States Department of Agriculture, more particularly, the Crop and Livestock Reporting Service makes possible the completion and publication of this report.

Data presented here are based on the Annual State Farm Census and periodic sample surveys of the Crop and Livestock Reporting Service.

"Chicken and Egg Production in Iowa" is designed to meet the increasing demands for egg production data by counties and to serve as a compendium of chicken and egg data. State funds play an important part in making this service possible

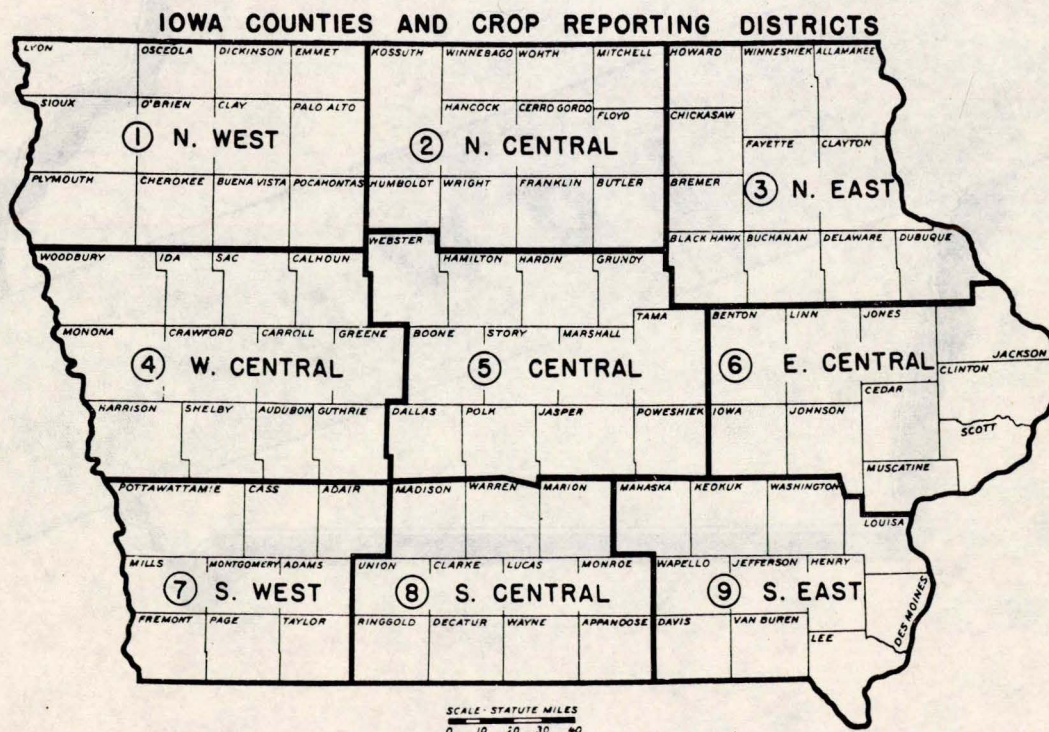
L. B. Liddy, Secretary  
Iowa State Department of Agriculture

This bulletin brings up to date 1929-1952 county estimates of egg production published in a September 1953 bulletin entitled "Iowa Egg Production". It also presents most of the periodic chicken estimates which have been developed for the State since records were started.

The bulletin was assembled to provide basic data necessary to study potential market supplies of eggs within the State and to present a picture of the change in Iowa's poultry industry through the years.

Iowa is the second largest egg producing State in the Nation and cash receipts from this enterprise contribute significantly to farm income.

Samuel J. Gilbert  
Agricultural Statistician



This publication is in part made possible under the auspices of the Iowa State Department of Agriculture and the Agricultural Marketing Service, U. S. Department of Agriculture, with the aid of funds authorized by the Agricultural Marketing Act of 1946.



## CHICKEN AND EGG PRODUCTION IN IOWA

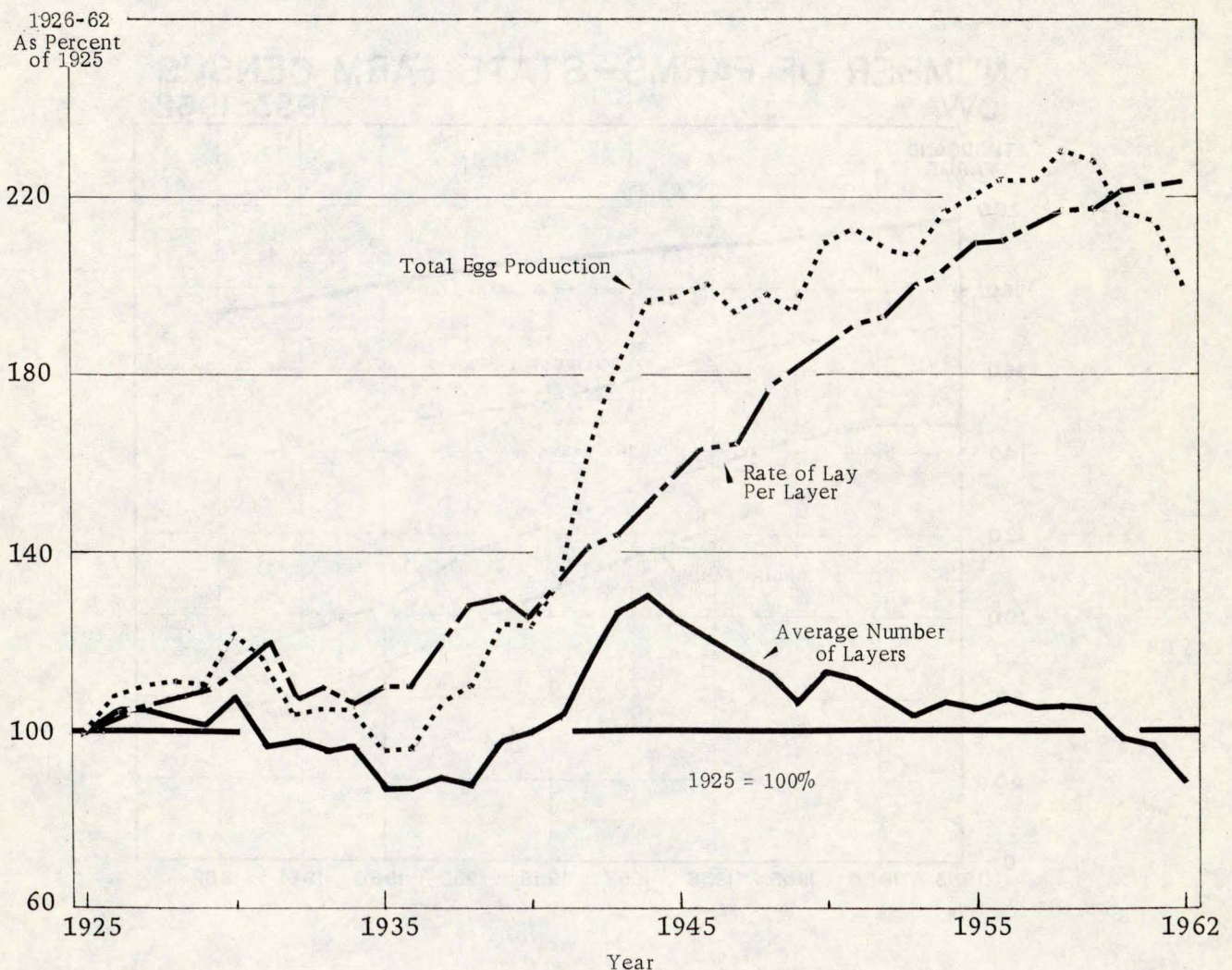
Prepared by John S. Buche

Iowa's chicken and egg industry has changed significantly since the 1920's. Production of eggs in 1962 was twice the number produced in 1925 although the average number of layers on farms during the year was 11 percent less than in 1925. The primary reason for this is the large increase in production per layer accompanying improved breeding and management practices. The average rate of lay per hen and pullet of laying age was 222 eggs in 1962 or almost two and one

fourth times the average rate of lay during 1925.

Improved housing and feeding practices, in particular, have reduced the extreme seasonality in egg production which occurred in the 1920's and 1930's. In 1925, for instance, the number of eggs produced in April, the month of largest production, was six times the number produced in November and December, the months of smallest production. By 1962

AVERAGE NUMBER OF LAYERS, RATE OF LAY AND TOTAL ANNUAL EGG PRODUCTION, EACH YEAR AS A PERCENT OF 1925



The rate of lay per layer has increased steadily during most of the years since 1925 while the number of layers has shown cyclical fluctuations during the period. Egg production, reflecting the increased rate of lay, has generally increased since 1925 although recent increases in rate of lay have not been large enough to off-set declines in numbers of layers.

4-6-70 Ia. Corp & Livestock Report. Serv. gift



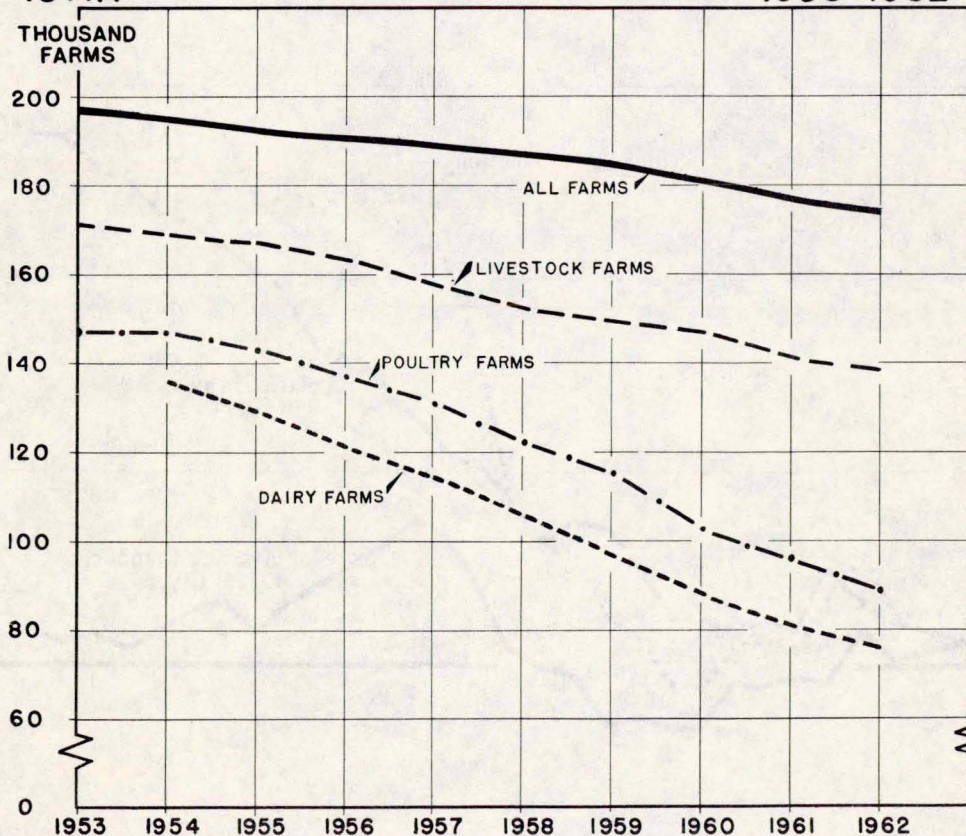
the number of eggs produced in March, the month of largest production, was only one and four-tenths times the number of eggs produced in September, the month of smallest production.

Production of eggs is becoming a more specialized enterprise on Iowa farms. In 1956 chickens were reported on 71 percent of all farms in the State. By 1962 only 50 percent of farms had flocks of laying hens. Another indication of increasing specialization in egg production is the number of layers in the large flocks

of the State. In 1958 (the first year for which data are available) flocks of 1,600 or more layers had 1.7 percent of the total layers in the State. By 1962 this group accounted for 6.2 percent of the layers.

Cash receipts from eggs have been considerably more than receipts from chickens, especially in recent years. The largest cash receipts from eggs was 144.3 million dollars received in 1951 while the largest receipts from chickens at 60.7 million dollars, was received in 1946.

### NUMBER OF FARMS—STATE FARM CENSUS IOWA 1953-1962



Counts of all farms are related to the crop year reported in the State Farm Census. For example, the enumeration made between January and March of 1962 asks for information on 1961 crops. Livestock, poultry and dairy farm counts relate to the year in which the enumeration is made and a farm may be counted in one or more of the categories of livestock, dairy and poultry, it possibly being counted as a farm with livestock (having meat animals), as a dairy farm (having dairy cows) and also as a poultry farm (having chickens or raising chickens or turkeys). (See table on page 3.)



## Farms Reporting Chickens, Iowa, Selected Years

Farms have been decreasing in number rather steadily in Iowa during recent years. Farms reporting various livestock enterprises are also decreasing even at a more rapid rate than the decrease in all farms in some cases. During the period from 1953 to 1962 farms reporting chickens decreased 39 percent while the decrease in all farms was only 12 percent. Total number of farms reporting chickens in 1962 was 88,777 or 50 percent of all farms in the State compared with 146,632 reporting chickens or 74 percent of all farms in 1953.

Most of the hens and pullets on Iowa farms are in flocks of less than 400 layers although the trend is to larger flock size. In 1962 flocks of less than 400 layers accounted for 59.6 percent of the hens and pullets of laying age on Iowa farms. This may be compared with 1958 (the first year for which data are available) when 74.9 percent of the hens and pullets of laying age were in flocks of less than 400 layers. Large flocks have shown an accompanying increase in the proportion of layers on farms. For instance, the largest flock-size category (1,600 or more layers) accounted for 1.7 percent of the

layers on farms in 1958 and by 1962 this group accounted for 6.2 percent of the layers on farms.

As in the case of the decline in the proportion of all hens and pullets being in flocks of less than 400 birds, the proportion of the total number of flocks to be found in the less than 400 size group has also declined--only at a less rapid pace. In 1962, there were 85,940 chicken flocks in the State. Of these flocks, 85.5 percent had less than 400 layers while in 1953 91.5 percent of the State's 119,390 flocks had less than 400 layers.

The farm count data are based on the enumerations, State Farm Census, and some characteristics of the data should be kept in mind when using the information in this section. The census enumeration is made between January and March or into April each year, but many questions, including chickens raised, relate to operations of the previous year. In order to classify as a chicken (or poultry) farm, a farm must have reported chickens raised the previous year or have had layers on hand at the time of enumeration.

Number of Farms, Average Size of Farms and Farms Reporting Livestock and Poultry  
As a Percent of All Farms, Iowa, 1953-1962

Year	Number of Farms	Acres per Farm	Farms Reporting Livestock <sup>1/</sup>		Farms Reporting Milk Cows		Farms Reporting Chickens	
			Number	Pct.	Number	Pct.	Number	Pct.
				<sup>3/</sup>		<sup>3/</sup>		<sup>3/</sup>
1953	196,251	177	170,803	86	<sup>2/</sup>		146,632	74
1954	194,623	178	169,113	86	135,812	69	146,831	75
1955	192,028	181	166,704	86	129,015	66	142,979	73
1956	190,263	182	163,198	85	121,409	66	136,576	71
1957	188,750	184	157,641	83	114,272	60	130,713	69
1958	186,923	185	152,284	81	105,651	56	121,956	65
1959	184,866	187	149,237	80	96,368	52	115,482	62
1960	180,595	192	146,522	79	87,930	48	102,628	56
1961	177,172	195	141,305	78	81,155	45	96,014	53
1962	173,615	199	138,300	78	75,956	43	88,777	50

<sup>1/</sup> Livestock farms are farms reporting cattle, hogs or sheep during part or all of the year.

<sup>2/</sup> Not available.

<sup>3/</sup> Shown as percent of number of all farms listed for preceding year in column one.



## Number of Layers on Farms, Rate of Lay and Egg Production, Iowa 1925-62

The number of chickens on Iowa farms (excluding commercial broilers) on January 1 averaged about 32 million during the period from 1925 through 1941. Year to year variations in numbers during this time were relatively small. From 1942 through 1946 the number of chickens on farms increased markedly reaching a record high of 43 million in 1944. This increase was caused, in large part, by the increased demands of World War II. Since that time the trend in all chickens on farms generally has been downward. During the period from 1958 to 1962 the average number of chickens on farms the first of the year was about 26 million ranging from a high of 28 million in 1959 to a low of 24 million in 1962.

Numbers of hens and pullets of laying age on farms during the years from 1925 through 1962 follow the same general pattern as the January 1 total number of chickens on farms, although the fluctuations from year to year have been less extreme. From 1925 through 1934 the average number of layers on farms was about 22 million. During the period from 1935 to 1938 the number of layers decreased to the lowest levels of record, averaging 19.6 million layers for the 4 year period and reaching a low point of slightly less than 19.5 million layers in 1938. During the years from 1942 through 1945 the number of layers moved to higher levels, reaching a record high of 29 million in 1944. Since then the trend in numbers of layers has been generally downward although there have been periods of relative stability, notably during the period from 1954 through 1959 when the number of layers on farms averaged about 23.5 million.

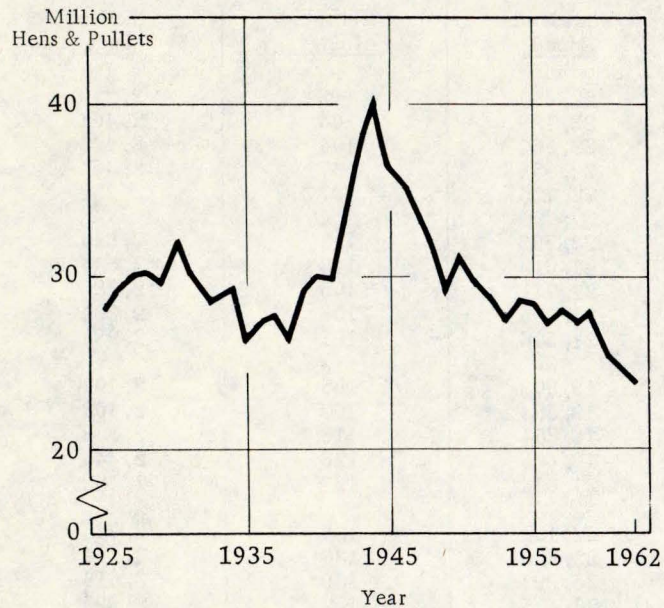
Yearly rate of lay averaged 99 eggs per layer in 1925. Since then trend in production has been upward and by 1945 the rate had increased to 157 eggs. For 1962 the average rate of lay during the year was at a record high 222 eggs per layer. This increase is due to scientific breeding programs which have produced a number of things such as--a much improved laying hen, improved feeding and housing practices that have contributed significantly to the increased rate of lay and better pest and disease controls.

Total production of eggs reflects two things, of course, the average rate of lay per hen and pullet of laying age and the number of hens and pullets on farms. In 1925 annual egg production was 2.2 billion. During the period from 1942-46 production increased rapidly, reaching a high of 4.4 billion eggs in 1946. After 1946 the number of layers on farms moved to significantly lower levels. However, because of the increasing rate of lay the decrease in total production was considerably smaller than the decrease in the number of layers. From 1946 to 1949, for instance, the decrease in the average number of layers on farms was 12 percent while the decrease in total egg production was only 3 percent. By 1956 egg production was 12 percent more than in 1946 although the average number of layers on farms was 12 percent less than in 1946. Egg production generally increased from 1950 until a record production of 5,084,000,000 eggs was reached in 1958. Since 1958 production has decreased, reaching a low for the 1958-62 period of 4.4 billion eggs in 1962, due to the smaller number of hens and pullets of laying age on farms.

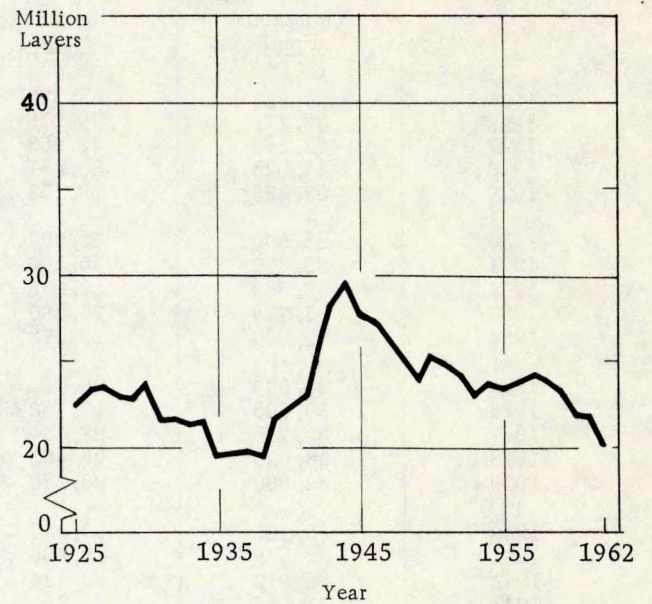


Annual Inventory and Average Number of Layers, Rate of Lay and Total Production  
of Eggs on Iowa Farms, 1925-62

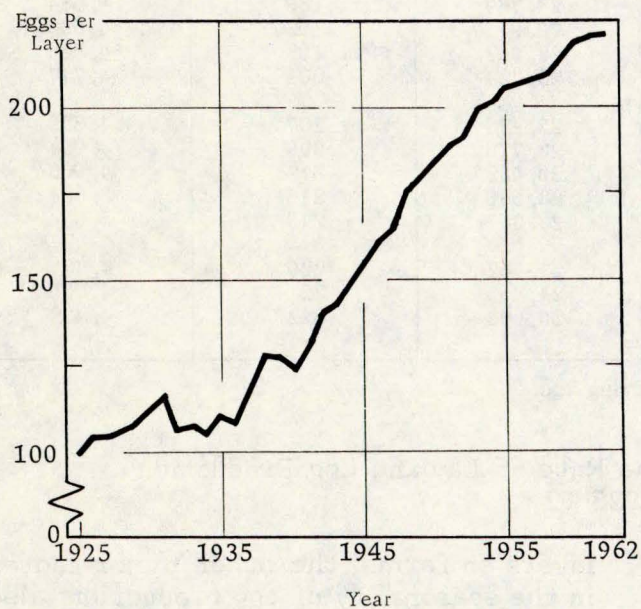
Hens and Pullets on Farms  
January 1, Iowa, 1925-62



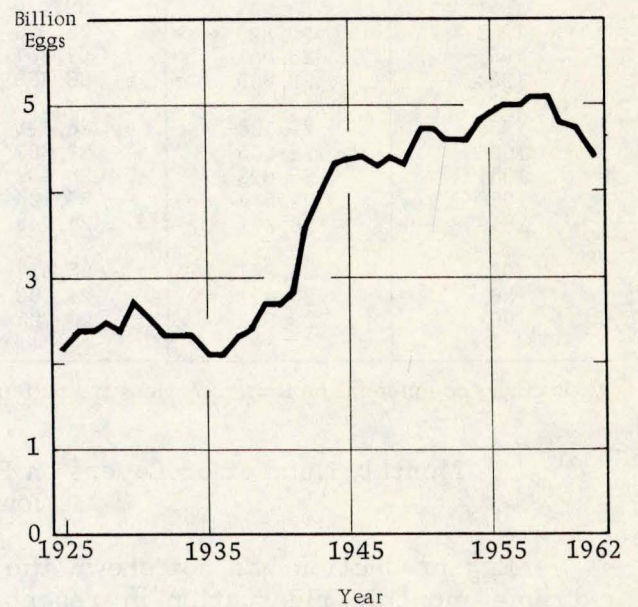
Average Number Of Layers On Farms  
During Year, Iowa, 1925-62



Annual Rate Of Lay Per Layer  
Iowa, 1925-62



Annual Total Egg Production  
Iowa, 1925-62





Number of Chickens on Farms, Rate of Lay and  
Egg Production Annually, Iowa, 1925-62

Year	On Farms, January 1		Average Number of Layers During Year	Rate of Lay Per Layer During Year	Total Egg Production
	All Chickens <u>1/</u>	Hens and Pullets <u>2/</u>			
	Thousands Head	Thousands Head	Thousands Head	Number of Eggs	Million Eggs
1925	31,525	28,373	22,400	99	2,213
1926	32,171	29,276	23,139	104	2,401
1927	32,568	29,963	23,364	104	2,427
1928	32,925	30,291	22,959	107	2,454
1929	32,285	29,703	22,726	107	2,436
1930	35,600	32,000	23,799	113	2,688
1931	33,890	30,290	21,613	118	2,544
1932	32,359	28,975	21,711	105	2,289
1933	31,774	28,390	21,355	108	2,300
1934	32,980	29,373	21,506	107	2,291
1935	29,004	26,394	19,503	108	2,107
1936	30,000	27,360	19,584	107	2,103
1937	30,700	27,784	19,854	118	2,338
1938	28,600	26,455	19,465	126	2,444
1939	32,000	29,280	21,634	127	2,739
1940	33,199	30,012	22,152	123	2,725
1941	32,346	29,796	22,846	130	2,964
1942	36,912	33,724	25,993	139	3,613
1943	41,016	37,892	28,165	142	3,999
1944	43,149	39,994	29,130	149	4,333
1945	38,598	36,484	27,713	157	4,350
1946	37,424	35,416	27,143	163	4,415
1947	34,748	33,182	26,088	165	4,293
1948	33,259	31,771	25,073	175	4,388
1949	30,433	29,317	23,815	180	4,281
1950	32,194	30,966	25,131	185	4,652
1951	30,767	29,416	24,760	189	4,684
1952	29,899	28,953	23,957	192	4,588
1953	28,057	27,357	22,962	198	4,556
1954	29,089	28,438	23,727	201	4,777
1955	29,123	28,446	23,426	207	4,859
1956	28,055	27,337	23,776	209	4,961
1957	28,693	28,032	23,432	212	4,960
1958	27,534	27,124	23,586	216	5,084
1959	28,211	27,748	23,357	216	5,054
1960	25,841	25,517	21,752	220	4,781
1961	25,001	24,709	21,455	221	4,739
1962	23,985	23,725	20,003	222	4,432

1/ Excludes commercial broilers. 2/ Hens and pullets of laying age.

Monthly Number of Layers on Farms Rate of Lay and Egg Production  
Iowa, 1925-62

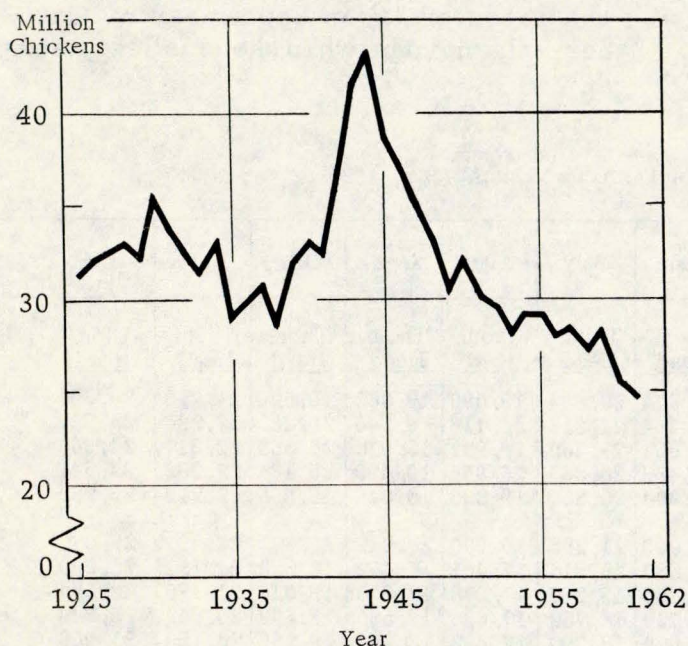
Egg production has not shown the extreme monthly fluctuation in recent years, such as in 1962, as was common in the 1920's and 1930's. The primary reason for this is stabilization of the monthly rate of lay. The seasonal pattern of

layers on farms, the other major factor in the seasonality of egg production, also has tended to smooth out in recent years as indicated for 1962 in the upper right hand chart on page 7.

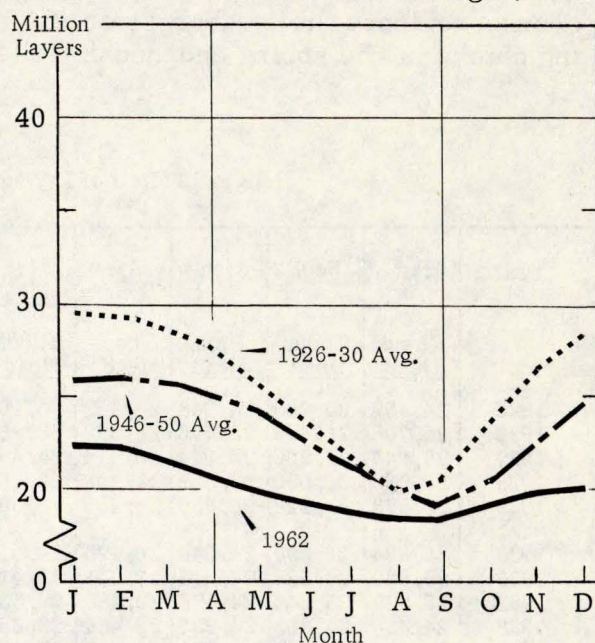


Inventory Numbers of All Chickens on Farms January 1, Monthly Number of Layers on Farms, Monthly Rate of Lay and Monthly Egg Production, Iowa, Selected Years.

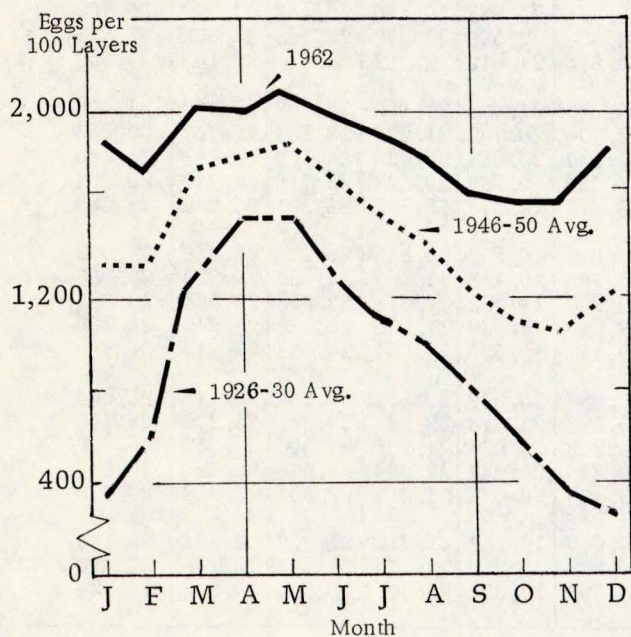
Number Of All Chickens On Farms  
Iowa, January 1, 1925-62



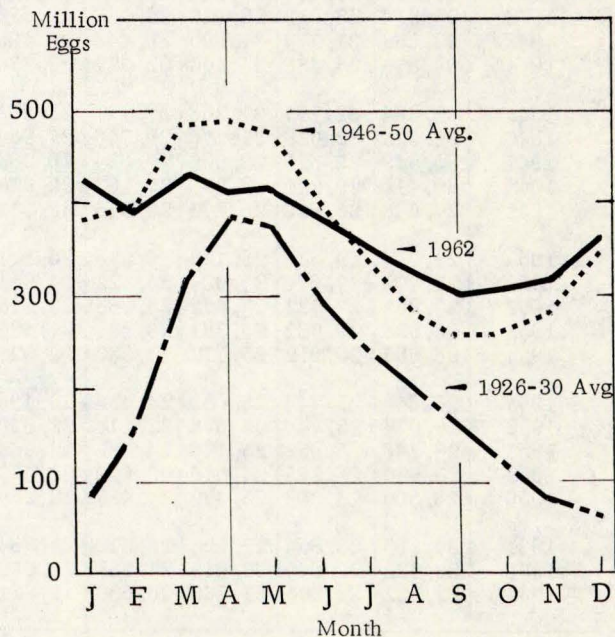
Layers on Farms By Months, Iowa  
1926-30 and 1946-50 Averages, 1962



Monthly Rate of Lay Per 100 Layers  
Iowa, 1926-30 and 1946-50 Averages,  
and 1962



Monthly Egg Production, Iowa  
1926-30 and 1946-50 Averages, 1962





Number of layers on farms, during the year, usually varies from a high point in January or February to a low point in August or September of each year. The number of layers on farms at the low point of the year generally is about 20 to 30 percent less than at the high point of the year. This seasonal pattern, of course, reflects the usual practice of buying chicks in the spring and housing them

as layers in the late fall and the practice of selling the birds from the previous year's flocks in the early fall months.

In recent years rate of lay has reached a maximum during the March, April and May period. Rates during these months usually are about one and one-third times the rates of lay in September or October--the months when the smallest rates

Hens and Pullets of Laying Age on Farms by Months, Iowa, 1925-62

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Thou. Head	Thou. Head	Thou. Head	Thou. Head	Thou. Head	Thou. Head	Thou. Head	Thou. Head	Thou. Head	Thou. Head	Thou. Head	Thou. Head
1925	24,857	25,205	24,948	24,162	23,104	21,874	20,644	19,590	19,068	19,509	21,783	24,052
1926	25,706	26,050	25,776	24,980	23,739	22,764	21,352	20,116	19,940	20,380	22,234	24,627
1927	25,944	26,206	25,944	25,414	24,450	23,052	21,302	19,987	19,900	20,688	22,517	24,963
1928	26,093	26,080	25,559	24,703	23,766	22,488	20,863	19,665	19,499	20,184	22,062	24,541
1929	25,573	25,228	24,886	24,451	23,502	22,304	20,850	19,393	19,046	19,985	22,210	25,282
1930	26,894	26,800	26,544	26,120	24,912	23,099	21,285	19,900	20,242	21,622	23,091	25,077
1931	25,850	24,988	24,215	23,611	22,413	20,880	18,914	17,461	17,462	18,828	21,131	23,600
1932	25,220	25,044	24,176	23,488	22,528	21,126	19,290	17,978	17,970	19,010	21,180	23,524
1933	24,483	24,398	24,227	23,454	22,254	20,720	18,752	17,638	17,556	18,500	20,642	23,640
1934	25,604	25,598	25,252	24,647	22,924	20,600	18,790	17,492	16,970	18,086	20,150	21,956
1935	22,620	22,292	21,878	21,224	20,083	18,536	16,910	15,936	16,022	17,252	19,376	21,909
1936	22,892	22,240	21,836	21,346	20,284	18,732	16,599	15,123	15,614	17,331	19,951	23,058
1937	24,195	23,614	23,200	22,380	20,746	18,710	16,832	15,522	15,522	17,076	19,120	21,325
1938	22,393	22,068	21,660	20,926	19,780	18,064	16,434	15,618	15,864	17,338	20,041	23,395
1939	24,940	24,678	24,246	23,473	22,176	20,444	18,459	17,339	17,770	19,586	22,002	24,494
1940	25,780	25,522	24,924	24,064	23,116	21,296	19,047	17,834	18,178	19,470	21,959	24,634
1941	25,416	25,504	25,334	24,301	22,929	21,210	19,489	18,202	18,806	21,302	24,320	27,338
1942	28,814	28,812	28,623	28,165	26,876	24,847	22,726	20,888	20,890	23,456	27,122	30,702
1943	32,068	31,778	31,683	30,748	28,890	26,945	24,524	22,095	22,278	25,168	28,808	32,998
1944	34,578	34,486	34,100	32,027	30,236	28,255	24,676	21,942	22,792	25,813	29,109	31,550
1945	32,394	32,297	31,266	29,771	28,553	26,571	23,643	21,478	21,952	24,688	28,460	31,478
1946	32,328	32,036	31,270	29,746	27,844	25,562	22,704	20,702	21,276	24,237	27,767	30,240
1947	30,549	29,825	29,096	27,634	26,266	25,076	22,880	20,692	21,430	24,180	26,749	28,680
1948	29,412	29,220	28,289	27,168	25,670	23,336	21,094	19,784	20,721	23,716	25,770	26,701
1949	27,086	26,909	26,276	25,016	23,131	21,514	19,714	18,276	19,802	23,301	26,348	28,409
1950	29,014	28,532	28,148	26,916	25,111	23,502	21,612	19,902	20,845	23,972	26,439	27,582
1951	27,772	27,674	27,024	25,622	24,211	22,528	20,750	20,188	21,407	24,680	27,394	27,865
1952	27,865	27,782	27,075	25,288	23,316	21,428	19,900	19,452	20,356	23,058	25,575	26,388
1953	25,898	25,062	24,561	23,402	21,826	20,835	19,840	18,676	19,676	23,262	25,842	26,666
1954	26,658	25,912	25,172	24,257	22,928	21,516	20,111	19,536	21,601	24,324	25,814	26,890
1955	26,646	25,744	25,089	24,434	23,196	21,626	20,386	19,309	20,302	23,197	25,178	26,004
1956	26,074	25,746	25,078	23,814	22,620	21,690	20,888	21,416	22,683	23,881	25,276	26,144
1957	26,346	25,952	25,176	24,082	22,668	21,190	19,899	20,224	21,906	23,396	24,757	25,590
1958	25,650	25,265	24,810	23,639	22,470	21,686	20,846	20,847	22,064	23,676	25,424	26,660
1959	26,590	26,058	25,472	24,496	23,258	21,688	20,173	20,038	21,218	22,851	23,958	24,486
1960	24,393	23,854	23,258	22,318	21,554	20,781	19,600	18,952	19,662	21,137	22,372	23,140
1961	23,332	22,970	22,613	21,858	21,099	20,436	19,522	19,212	20,214	21,569	22,168	22,466
1962	22,522	22,208	21,532	20,630	19,861	19,226	18,590	18,317	18,500	19,140	19,686	19,824



of lay are recorded. In the 1920's and 1930's the rate of lay was at peak levels during the April, May and June period and was relatively high during March and July also. However, the rate was quite low in January and February as opposed to the relatively high rates recorded in these months in recent years. In the 1920's rate of lay during the peak months of the year was often 5 to 7 times that recorded in the months with the lowest rate of lay.

In recent years peak total egg production usually has occurred in March and has been one and one-third to one and one-half times the number of eggs produced in September--usually the month of lowest egg production. In the early years of the record, peak egg production usually occurred in April and was 5 to 7 times the number produced in November or December--usually months of minimum egg production.

Rate of Lay per 100 Hens and Pullets of Laying Age by Months, Iowa, 1925-62

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Number of Eggs	Number of Eggs	Number of Eggs	Number of Eggs	Number of Eggs	Number of Eggs	Number of Eggs	Number of Eggs	Number of Eggs	Number of Eggs	Number of Eggs	Number of Eggs
1925	241	491	1,088	1,440	1,470	1,243	1,099	988	819	535	267	246
1926	377	650	1,193	1,461	1,501	1,247	1,111	995	775	528	298	227
1927	342	635	1,228	1,500	1,523	1,266	1,106	984	747	495	306	223
1928	347	605	1,165	1,500	1,516	1,293	1,123	1,013	850	622	372	324
1929	379	472	1,089	1,568	1,620	1,337	1,192	1,085	864	602	343	263
1930	338	674	1,358	1,619	1,622	1,366	1,167	1,008	833	580	364	344
1931	481	808	1,390	1,601	1,625	1,353	1,170	1,053	875	639	423	374
1932	415	658	1,121	1,436	1,545	1,276	1,109	1,000	841	603	329	273
1933	497	738	1,196	1,500	1,575	1,246	1,065	988	792	543	313	293
1934	406	656	1,229	1,525	1,535	1,240	1,043	912	781	583	363	267
1935	304	529	1,156	1,566	1,649	1,392	1,190	1,004	816	632	384	326
1936	372	447	1,060	1,596	1,662	1,422	1,141	952	864	645	378	384
1937	477	602	1,172	1,590	1,705	1,422	1,246	1,156	975	701	426	431
1938	614	806	1,401	1,698	1,700	1,450	1,296	1,153	936	710	480	484
1939	639	790	1,342	1,674	1,686	1,428	1,290	1,184	960	688	516	564
1940	574	731	1,259	1,593	1,727	1,458	1,252	1,125	954	763	489	471
1941	694	868	1,345	1,638	1,724	1,476	1,330	1,181	978	769	552	601
1942	806	935	1,432	1,719	1,798	1,545	1,389	1,271	1,047	800	612	642
1943	769	991	1,500	1,704	1,804	1,560	1,407	1,293	1,086	849	624	698
1944	1,004	1,201	1,507	1,656	1,727	1,530	1,426	1,327	1,104	877	702	790
1945	1,023	1,173	1,643	1,788	1,817	1,644	1,519	1,383	1,161	933	780	874
1946	1,091	1,271	1,717	1,815	1,823	1,608	1,476	1,339	1,143	970	882	1,073
1947	1,277	1,305	1,658	1,785	1,848	1,686	1,544	1,302	1,050	958	906	1,082
1948	1,290	1,378	1,711	1,812	1,857	1,689	1,612	1,500	1,272	1,097	1,038	1,240
1949	1,407	1,408	1,764	1,830	1,860	1,689	1,603	1,469	1,278	1,200	1,182	1,330
1950	1,448	1,417	1,730	1,794	1,876	1,734	1,631	1,494	1,341	1,296	1,296	1,435
1951	1,556	1,523	1,786	1,818	1,891	1,752	1,671	1,519	1,344	1,299	1,326	1,448
1952	1,531	1,612	1,848	1,851	1,919	1,746	1,628	1,500	1,353	1,314	1,317	1,491
1953	1,646	1,610	1,894	1,914	1,972	1,809	1,724	1,575	1,380	1,376	1,398	1,569
1954	1,649	1,613	1,953	1,920	1,965	1,800	1,680	1,531	1,383	1,426	1,494	1,690
1955	1,779	1,655	1,931	1,980	2,058	1,896	1,779	1,575	1,434	1,488	1,488	1,640
1956	1,748	1,728	1,953	1,956	2,027	1,866	1,798	1,655	1,470	1,479	1,497	1,705
1957	1,779	1,674	1,996	1,998	2,030	1,884	1,810	1,668	1,491	1,466	1,554	1,807
1958	1,894	1,708	1,959	1,992	2,062	1,920	1,860	1,711	1,512	1,534	1,608	1,798
1959	1,872	1,744	2,021	2,016	2,062	1,908	1,872	1,711	1,488	1,519	1,566	1,798
1960	1,900	1,792	1,959	1,974	2,089	1,962	1,910	1,779	1,590	1,575	1,614	1,807
1961	1,891	1,792	2,071	2,034	2,068	1,920	1,882	1,767	1,575	1,578	1,656	1,841
1962	1,876	1,747	2,021	2,013	2,099	1,974	1,916	1,789	1,635	1,609	1,620	1,823



## Egg Production By Months, Iowa, 1925-62

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Million Eggs	Million Eggs	Million Eggs	Million Eggs	Million Eggs	Million Eggs	Million Eggs	Million Eggs	Million Eggs	Million Eggs	Million Eggs	Million Eggs
1925	60	124	271	348	340	272	227	194	156	104	58	59
1926	97	169	308	365	356	284	237	200	155	108	66	56
1927	89	166	318	381	372	292	236	197	149	102	69	56
1928	91	158	298	370	360	291	234	199	166	126	82	79
1929	97	119	271	383	381	298	249	210	165	120	76	67
1930	91	181	360	423	404	316	248	201	169	125	84	86
1931	125	202	337	378	364	283	221	184	153	120	89	88
1932	105	165	271	337	348	269	214	180	151	115	70	64
1933	122	180	290	352	351	258	200	174	139	100	65	69
1934	104	168	310	376	352	255	196	160	132	106	73	59
1935	69	118	253	332	331	258	201	160	131	109	74	71
1936	85	99	231	341	337	266	189	144	135	112	75	89
1937	115	142	272	356	354	266	210	179	151	120	81	92
1938	137	178	303	355	336	262	213	180	148	123	96	113
1939	159	195	325	393	374	292	238	205	171	135	114	138
1940	148	187	314	383	399	310	238	201	173	149	107	116
1941	176	221	341	398	395	313	259	215	184	164	134	164
1942	232	269	410	484	483	384	316	265	219	188	166	197
1943	247	315	475	524	521	420	345	286	242	214	180	230
1944	347	414	514	530	522	432	352	291	252	226	204	249
1945	331	379	514	532	519	437	359	297	255	230	222	275
1946	353	407	537	540	508	411	335	277	243	235	245	324
1947	390	389	482	493	485	423	353	269	225	232	242	310
1948	379	403	484	492	477	394	340	297	264	260	267	331
1949	381	379	464	458	430	363	316	268	253	280	311	378
1950	420	404	487	483	471	408	352	297	280	311	343	396
1951	432	421	483	466	458	395	347	307	288	321	363	403
1952	427	448	500	468	447	374	324	292	275	303	337	393
1953	426	403	465	448	430	377	342	294	272	320	361	418
1954	440	418	492	466	451	387	338	299	299	347	386	454
1955	474	426	484	484	477	410	363	304	291	345	375	426
1956	456	445	490	466	459	405	376	354	333	353	378	446
1957	469	434	503	481	460	399	360	337	327	343	385	462
1958	486	432	486	471	463	416	388	357	334	363	409	479
1959	498	454	515	494	480	414	378	343	316	347	375	440
1960	463	427	456	441	450	408	374	337	313	333	361	418
1961	441	412	468	445	436	392	367	339	318	340	367	414
1962	423	388	435	415	417	380	356	328	302	308	319	361

## Commercial Hatchery Production of Chicks in Iowa, 1938-62

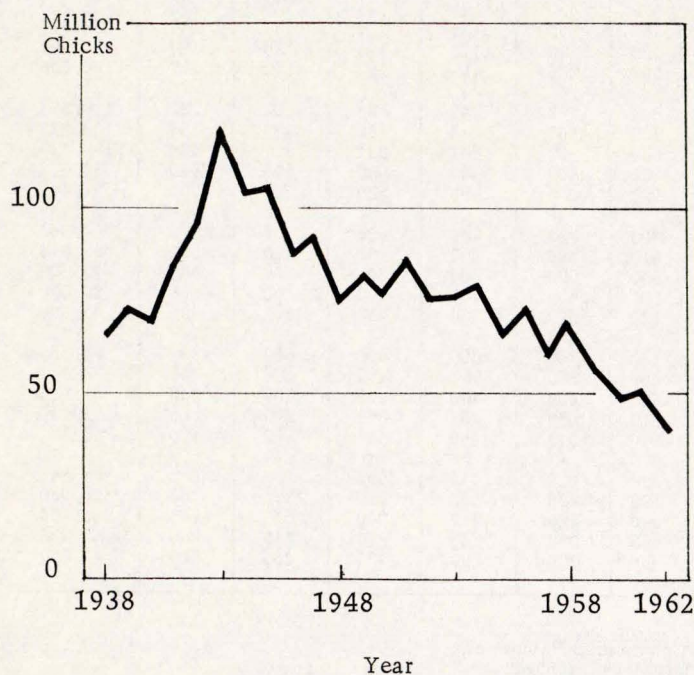
Since Iowa hatchery records began in 1938, production of all chicks (egg-type and broiler-type) by commercial hatcheries in Iowa has ranged from a high of 119.8 million in 1943 to a low of 40.8 million in 1962. A significant increase in

hatchings was recorded during the 1942-45 period but production of chicks generally has followed a downward trend in recent years. The seasonal production pattern for all chicks has remained relatively unchanged throughout the years

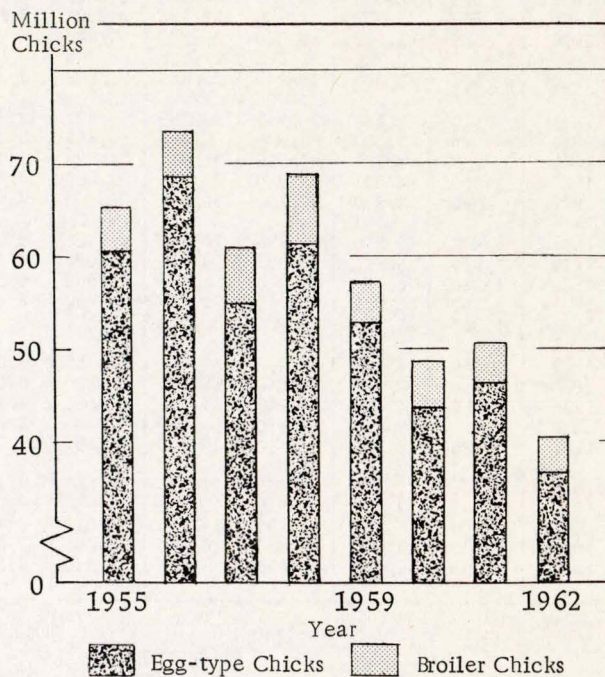


# Egg Type, Broiler-Type, and Total Chicks Produced by Commercial Hatcheries, Iowa, Selected Years

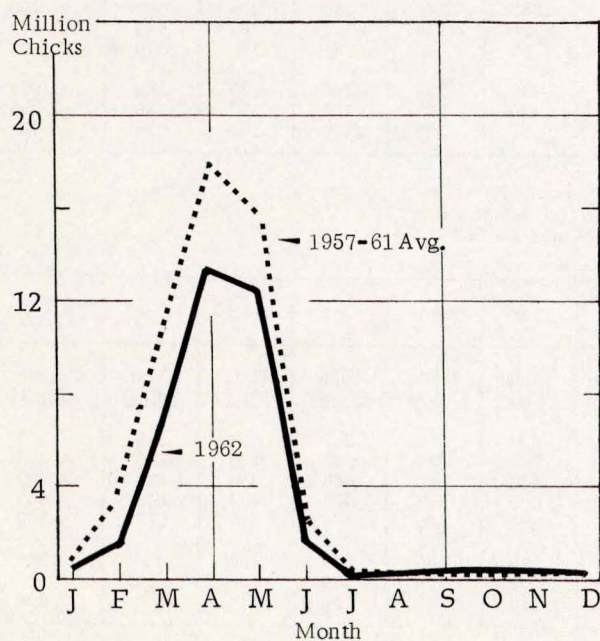
## Total Chicks Produced By Commercial Hatcheries, Iowa, 1938-62



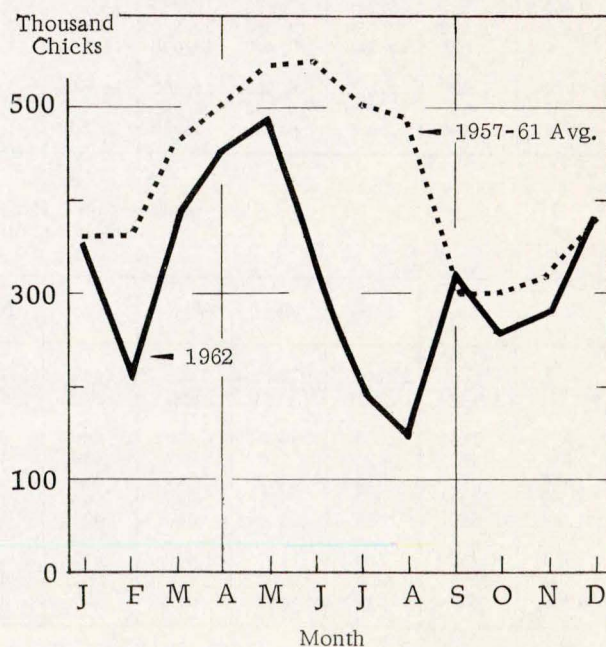
## Production of All Chicks By Commercial Hatcheries, Iowa 1955-1962



## Monthly Production of Egg-Type Chicks By Commercial Hatcheries, Iowa 1957-61 Average and 1962



## Monthly Production of Broiler-Type Chicks By Commercial Hatcheries, Iowa 1957-61 Average and 1962





All Chicks Hatched by Commercial Hatcheries,  
Monthly and Annual Totals, Iowa, 1938-62

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total
	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>
1938	603	2,883	12,136	21,860	21,658	5,901	1,274	268	67	134	134	134	67,052
1939	502	2,152	11,763	22,236	24,603	7,890	1,578	430	143	143	143	143	71,726
1940	481	1,099	10,369	21,149	21,836	10,712	2,197	275	137	137	137	137	68,666
1941	680	2,720	12,665	21,505	26,945	16,915	2,720	170	170	170	170	170	85,000
1942	672	3,840	18,240	28,992	29,952	11,040	2,208	288	192	192	192	192	96,000
1943	917	5,568	23,942	33,106	33,417	18,366	2,845	777	247	226	195	222	119,828
1944	820	7,550	27,930	32,125	29,407	3,490	532	365	185	150	170	198	102,922
1945	525	4,100	21,025	31,012	31,538	9,461	3,049	1,892	841	631	527	524	105,125
1946	450	4,500	21,320	31,260	22,500	3,110	950	800	450	520	575	640	87,075
1947	700	5,070	21,200	30,500	26,700	4,000	920	600	350	520	520	360	91,440
1948	640	3,350	15,625	26,000	21,050	3,800	800	720	750	625	750	875	74,985
1949	1,050	5,265	17,000	24,460	23,570	5,830	810	400	600	730	730	570	81,015
1950	1,450	5,150	17,300	24,700	20,000	3,500	1,000	900	600	700	700	600	76,600
1951	1,350	6,000	18,050	26,650	23,650	5,000	1,300	1,000	700	800	700	800	86,000
1952	1,350	5,850	17,925	22,650	19,575	3,075	900	675	750	750	675	825	75,000
1953	1,150	4,800	18,250	23,750	20,150	3,550	1,150	860	600	550	600	650	76,060
1954	1,550	7,750	22,640	25,300	15,800	2,050	650	650	700	400	400	450	78,340
1955	1,000	4,400	14,700	21,600	17,500	2,300	950	600	400	700	700	650	65,500
1956	2,000	7,040	17,470	23,080	17,530	2,620	810	680	450	390	270	360	72,700
1957	980	4,080	11,710	19,470	16,550	2,920	950	970	650	640	660	720	60,300
1958	1,421	5,113	13,965	21,583	18,663	3,367	1,023	929	738	552	534	652	68,540
1959	1,345	4,870	12,910	19,440	14,080	2,085	520	425	185	220	375	445	56,900
1960	870	1,920	7,360	14,960	17,010	3,750	570	560	260	340	510	640	48,750
1961	1,050	3,250	10,550	16,465	14,265	2,515	485	300	345	390	410	350	50,375
1962	795	1,690	6,895	13,680	12,860	2,080	450	300	520	430	460	590	40,750

Egg-type Chicks Hatched by Commercial Hatcheries,  
Monthly and Annual Totals, Iowa, 1955-62

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total
	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>
1955	800	4,200	14,250	21,150	17,000	1,700	350	200	150	350	400	400	60,950
1956	1,680	6,640	16,910	22,570	17,100	2,220	460	300	100	140	80	100	68,300
1957	720	3,770	11,280	18,960	16,070	2,360	350	330	240	180	200	240	54,700
1958	1,020	4,690	13,510	20,980	18,020	2,510	140	120	100	100	130	140	61,500
1959	1,035	4,545	12,450	19,040	13,645	1,615	80	55	45	55	165	170	52,900
1960	420	1,560	6,950	14,450	16,400	3,300	150	140	100	110	150	220	43,950
1961	650	2,850	10,000	16,000	13,700	2,100	320	100	145	190	250	150	46,455
1962	440	1,480	6,520	13,230	12,370	1,750	250	150	200	170	180	210	36,950

Broiler Chicks Hatched by Commercial Hatcheries,  
Monthly and Annual Totals, Iowa, 1955-62

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total
	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>	<u>Thou. Chicks</u>
1955	200	200	450	450	500	600	600	400	250	350	300	250	4,550
1956	320	400	560	510	430	400	350	380	350	250	190	260	4,400
1957	260	310	430	510	480	560	600	640	410	460	460	480	5,600
1958	401	423	455	603	643	857	883	809	598	452	404	512	7,040
1959	310	325	460	400	435	470	440	370	140	165	210	275	4,000
1960	450	360	410	510	610	450	420	420	160	230	360	420	4,800
1961	400	400	550	465	565	415	165	200	200	200	160	200	3,920
1962	355	210	375	450	490	330	200	150	320	260	280	380	3,800



of record. Production starts at low levels during January and February, increases markedly during March, April and May, and decreases to small numbers during the summer and fall months of the year.

Separate estimates of egg-type and broiler-type chicks produced by commercial hatcheries were begun in 1955. Since then, the number of egg-type chicks hatched has ranged from a high of 68.3 million in 1956 to a low of 37.0 million in 1962. Production of egg-type chicks usually accounts for about 90-95 percent of the total number of chicks hatched in

Iowa. Production is relatively small during January and February, increases greatly during March, April and May, and decreases to low levels during the summer and fall months of the year.

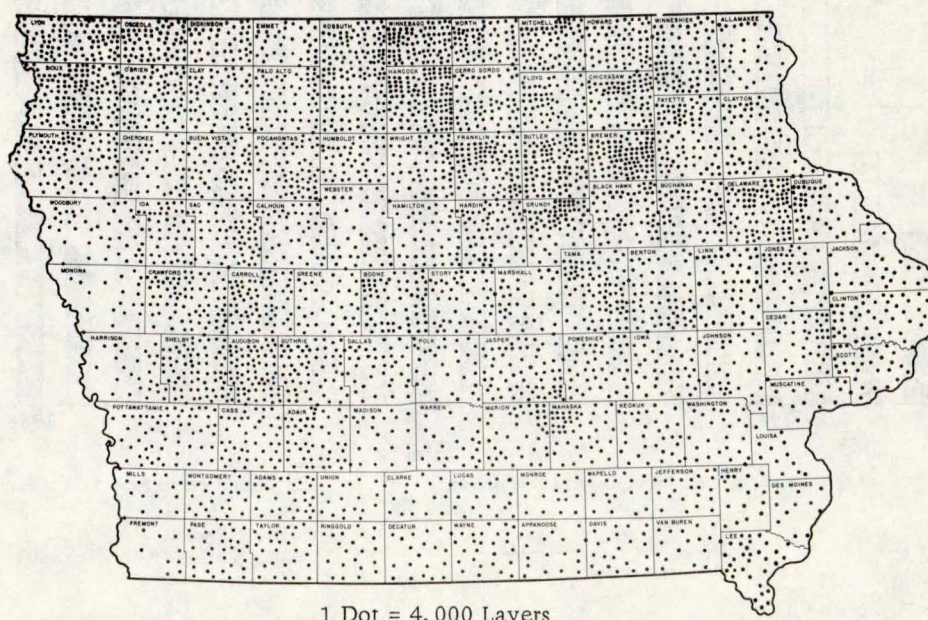
During the period from 1955-62 production of broiler chicks has ranged from a high of 7.0 million in 1958 to a low of 3.8 million in 1962. Usually the greatest numbers of broiler chicks are hatched in the spring months while fewer broilers are hatched in the summer and fall months of the year, but monthly production remains relatively constant throughout the year.

### Geographic Distribution of Egg Production and Hens and Pullets of Laying Age on Farms, Iowa, Selected Years

Main areas of egg production in Iowa are the northwest, north central, north-east, west central and central crop reporting districts. Based on 1962 data, the north central crop reporting district is the most important single area followed in second place by the northwestern district of the State. On a county level, Kossuth County produced the largest num-

ber of eggs and has the largest number of layers on farms. Sioux County follows in second place. The map below, and based on 1962 data, illustrates the geographic distribution of hens and pullets of laying age. Tables of county estimates, beginning on page 18, present distribution of hens and pullets of laying age and egg production by counties.

LAYERS ON FARMS DURING 1962



1 Dot = 4,000 Layers



### Income From Chicken and Egg Production in Iowa, and Comparisons of Iowa Egg Production With Other States, Selected Years

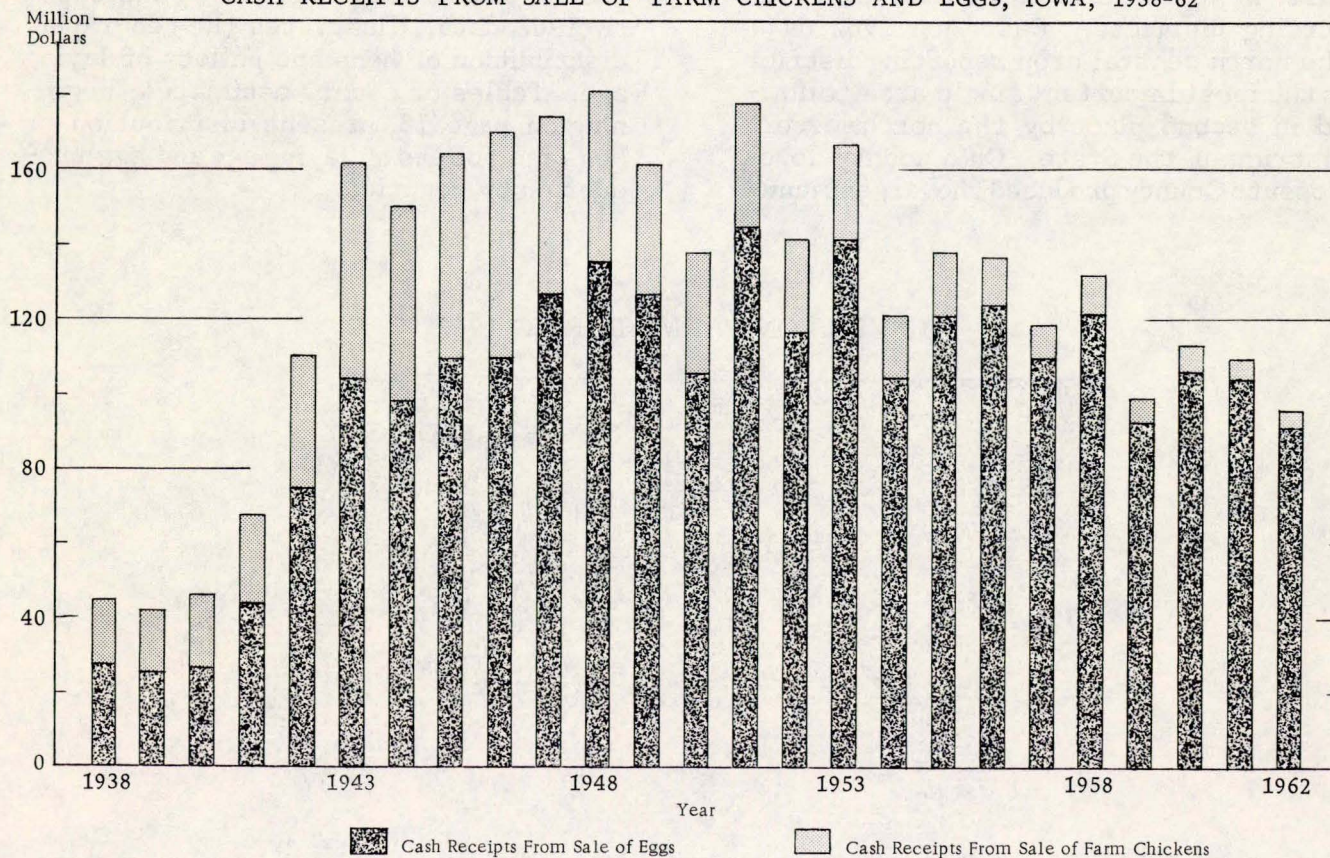
Egg production usually accounts for five to seven percent of the State's total cash receipts from farm marketings. Since 1925 cash receipts from this enterprise have ranged from a low of 16.8 million dollars in 1933 to a high of 144.3 million dollars in 1951. In recent years, receipts generally have ranged from 100 to 120 million dollars. While this is relatively small compared to returns from cattle and hogs, it is a significant addition to farm income.

Income from the sale of farm chickens 1/ was relatively large in past years, but more recently has become quite small.

1/ Excludes commercial broilers

During the 1920's, 1930's and part of the 1940's chicks on farms were either home hatched or bought primarily as straight run from commercial hatcheries. The cockerels were fed from three to four months and then sold for fryers or broilers. Cash receipts from the sale of chickens ranged upward to a record 60.7 million dollars in 1946. Since that time farmers have switched primarily to the purchase of pullet chicks from commercial hatcheries and the production of chickens for meat has changed to specially bred commercial broiler-type chicks which are raised primarily in areas other than Iowa. Thus, cash receipts from the sale

CASH RECEIPTS FROM SALE OF FARM CHICKENS AND EGGS, IOWA, 1938-62





of chickens have decreased sharply in recent years, reaching a low of 4.4 million dollars in 1962. This recent figure represents more nearly the cash receipts from the sale of hens from laying flocks after their period of egg production, al-

though it still includes some cockerel-chicks sold for meat.

Iowa currently is the second ranking egg producing State in the nation. Until 1959, Iowa was the leading State in egg

Farm Production, Disposition and Cash Receipts from Eggs, Iowa, 1925-62

Year	Eggs Produced	Farm Consumption		Sold		Price per Dozen	Gross Income
		Number	Value	Number	Cash Receipts from Sales		
	Million Eggs	Million Eggs	Thou. Dollars	Million Eggs	Thou. Dollars	Cents	Thou. Dollars
1925	2,213	342	7,809	1,807	41,260	27.4	49,069
1926	2,401	370	8,171	1,966	43,416	26.5	51,587
1927	2,427	379	7,043	1,982	36,832	22.3	43,875
1928	2,454	376	8,147	2,016	43,680	26.0	51,827
1929	2,436	374	8,353	1,996	44,577	26.8	52,930
1930	2,688	408	6,698	2,216	36,379	19.7	43,077
1931	2,544	441	5,439	2,044	25,209	14.8	30,648
1932	2,289	426	4,189	1,811	17,808	11.8	21,997
1933	2,300	426	3,940	1,820	16,835	11.1	20,775
1934	2,291	394	4,695	1,850	22,046	14.3	26,741
1935	2,107	400	7,100	1,670	29,642	21.3	36,742
1936	2,103	374	5,859	1,690	26,477	18.8	32,336
1937	2,338	398	6,070	1,909	29,112	18.3	35,182
1938	2,444	425	6,021	1,989	28,178	17.0	34,199
1939	2,739	432	4,896	2,280	25,840	13.6	30,736
1940	2,725	416	4,992	2,285	27,420	14.4	32,412
1941	2,964	392	6,729	2,551	43,792	20.6	50,521
1942	3,613	369	8,549	3,227	74,759	27.8	83,308
1943	3,999	352	10,179	3,629	104,939	34.7	115,118
1944	4,333	373	9,263	3,950	98,092	29.8	107,355
1945	4,350	370	10,206	3,970	109,506	33.1	119,712
1946	4,415	367	9,970	4,040	109,753	32.6	119,723
1947	4,293	350	11,229	3,936	126,280	38.5	137,509
1948	4,388	329	10,967	4,052	135,067	40.0	146,034
1949	4,281	329	10,583	3,945	126,898	38.6	137,481
1950	4,652	335	8,152	4,311	104,901	29.2	113,053
1951	4,684	315	10,421	4,363	144,342	39.7	154,763
1952	4,588	302	8,204	4,281	116,301	32.6	124,505
1953	4,556	298	9,908	4,253	141,412	39.9	151,320
1954	4,777	309	7,262	4,464	104,904	28.2	112,166
1955	4,859	309	8,214	4,550	120,954	31.9	129,168
1956	4,961	286	7,603	4,675	124,277	31.9	131,880
1957	4,960	276	6,463	4,684	109,684	28.1	116,147
1958	5,084	261	6,590	4,823	121,781	30.3	128,371
1959	5,054	249	4,835	4,805	93,297	23.3	98,132
1960	4,781	235	5,483	4,546	106,073	28.0	111,556
1961	4,739	206	4,772	4,533	105,015	27.8	109,787
1962	4,432	187	4,036	4,245	91,621	25.9	95,657



production but at that time California replaced Iowa in the number one spot and has been the leading egg producing State since. During 1962, California produced 6.9 billion eggs while Iowa produced

4.4 billion eggs. Based on 1962 figures, other states in the top five egg producing States in order of rank are Minnesota, Pennsylvania and Georgia.

Farm Production, Disposition and Value of Chickens, Iowa, 1925-62 1/

Year	Number Produced on Farms	Disposition			Value			
		Number Consumed on Farms	Sold		Price per Pound	Consumed on Farms	Cash Receipts from Sales	Gross Income
			Number	Pounds				
	Thou. Head	Thou. Head	Thou. Head	Thou. Lbs.	Cents	Thou. Dollars	Thou. Dollars	Thou. Dollars
1925	44,489	9,800	34,043	187,383	18.4	7,032	26,935	33,967
1926	45,376	10,000	34,979	191,117	20.6	8,034	30,984	39,018
1927	46,806	10,250	36,199	201,847	17.9	7,339	28,510	35,849
1928	42,884	10,000	33,524	184,690	19.7	7,880	29,059	36,939
1929	49,600	10,370	35,915	214,092	21.0	8,711	33,185	41,896
1930	53,391	11,016	44,085	230,514	16.0	7,050	31,036	38,086
1931	45,298	9,415	37,414	200,075	14.4	5,559	24,244	29,803
1932	44,012	9,952	34,645	198,474	10.1	4,222	16,096	20,318
1933	49,919	10,912	37,801	220,270	8.0	3,579	13,608	17,187
1934	42,022	9,809	36,189	180,974	10.6	4,159	16,879	21,038
1935	42,368	9,496	31,876	182,620	14.3	5,432	20,056	25,488
1936	44,737	9,411	34,626	197,552	13.9	5,363	21,659	27,022
1937	38,595	9,093	31,602	176,850	16.2	6,187	24,062	30,249
1938	43,982	10,765	29,817	198,011	12.9	5,832	17,693	23,525
1939	43,190	10,152	31,839	195,628	11.4	4,977	16,696	21,673
1940	40,942	9,064	32,731	192,897	12.0	4,786	18,853	23,639
1941	49,266	8,991	35,709	231,981	14.3	5,529	24,511	30,040
1942	54,473	8,391	41,978	258,113	18.0	6,646	36,269	42,915
1943	64,586	8,156	54,297	301,107	22.5	8,074	57,419	65,493
1944	53,343	7,523	50,371	247,703	22.5	7,279	53,267	60,546
1945	57,055	7,535	50,694	265,898	23.2	7,692	55,277	62,969
1946	49,961	7,323	45,314	236,883	27.9	8,990	60,684	69,674
1947	49,290	7,114	43,665	229,530	23.8	7,450	48,844	56,294
1948	39,941	6,211	36,556	189,854	27.0	7,546	47,377	54,923
1949	45,067	6,821	36,485	209,087	20.5	6,013	35,153	41,166
1950	41,251	6,685	35,993	195,330	19.2	5,647	33,171	38,818
1951	40,092	6,351	34,609	185,891	21.0	5,735	34,159	39,894
1952	34,800	6,592	30,050	163,744	17.7	5,017	25,530	30,547
1953	36,147	6,452	28,663	169,634	18.4	4,986	25,315	30,301
1954	35,580	6,691	28,855	163,880	11.8	3,316	16,003	19,319
1955	29,650	6,356	24,362	138,507	15.5	4,138	18,125	22,263
1956	31,842	6,547	24,657	143,854	12.3	3,382	13,951	17,333
1957	25,564	6,023	20,700	116,537	10.2	2,519	9,924	12,443
1958	28,188	6,100	21,411	128,214	10.7	2,611	10,768	13,379
1959	24,082	5,188	21,264	105,775	6.9	1,432	6,602	8,034
1960	22,173	4,650	18,363	97,919	9.3	1,773	7,685	9,458
1961	21,519	4,418	18,117	93,359	6.1	1,105	4,863	5,968
1962	17,072	3,976	16,024	74,322	6.2	1,035	4,371	5,406



Average Number of Layers on Farms  
and Egg Production, 1962--Twenty Leading States

State	Average Number of Layers on Farms During 1962	Eggs Produced During 1962
	<u>Thousand Chickens</u>	<u>Million Eggs</u>
California	30,838	6,907
Iowa	20,003	4,432
Minnesota	14,701	3,282
Pennsylvania	14,994	3,202
Georgia	12,429	2,583
Texas	13,065	2,562
Ohio	11,367	2,465
North Carolina	10,838	2,304
Indiana	10,509	2,284
Illinois	10,666	2,283
Wisconsin	8,849	1,933
New Jersey	9,720	1,864
New York	8,272	1,780
Missouri	8,549	1,741
Alabama	8,075	1,666
Nebraska	7,572	1,623
South Dakota	7,309	1,587
Arkansas	7,409	1,522
Mississippi	7,814	1,506
Michigan	6,144	1,326

County Estimates of Egg Production, Layers On Farms,  
and Percentage of Farms With Layers; and,  
Size-Group Data For Layers on Farms

The county estimates of egg production in Iowa are based on the State Farm Census and periodic surveys of the Crop Reporting Service. The State Farm Census serves as a basis for estimating the average number of layers on farms during the year in each county while the sample surveys furnish the basis for estimating county egg production. County estimates have been made since 1929. Estimates for the years from 1929-1952 were published in the September 1953 Crop Reporting Service Bulletin entitled "Iowa Egg Production". The tables of county estimates from pages 18 through page 27 in this report bring the series up to date and incorporate revisions of the official estimates for the years of 1949 through 1952.

State farm census counts of the farms reporting chickens and the size groupings of farm flocks provide another important facet of Iowa's changing poultry industry. Beginning on page 28 and

continuing through page 31 are tables of the percentages of farms reporting flocks of selected size groupings and tables of the percentage of layers in each of the respective size groups. It will be noted that an increasingly larger percentage of layers is accounted for by the large poultry flocks of the State. Also the proportion of large flocks in the State has shown a steady increase, although the greatest proportion of flocks still contain less than 400 layers. On pages 32 through 34 are tables of the percentage of farms reporting chickens. These tables indicate that the proportion of farms with chickens had decreased rather steadily in recent years. This data on size grouping and percentage of farms with chickens has been previously published in the Crop Reporting Service Bulletins "Number and Size of Farms in Iowa, Supplement One and Supplement Two." Supplement One of this bulletin contains data on the percentage of farms with chickens for the additional years of 1950 and 1953-1955.



## Layers on farms and egg production, by counties - Iowa

County and District	1948		1949		1950	
	Layers on farms during year <u>1/</u>	Annual egg production	Layers on farms during year <u>1/</u>	Annual egg production	Layers on farms during year <u>1/</u>	Annual egg production
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Buena Vista	298	56,000	283	52,000	297	57,600
Cherokee	233	42,600	212	38,800	218	40,800
Clay	271	53,200	267	53,300	284	57,100
Dickinson	173	30,900	162	29,600	173	32,900
Emmet	188	36,000	174	35,000	181	36,400
Lyon	360	68,400	350	69,500	371	73,800
O'Brien	301	55,000	287	50,800	298	57,500
Osceola	232	42,600	229	44,900	237	46,700
Palo Alto	295	53,700	272	49,200	274	52,100
Plymouth	375	72,200	353	68,200	379	75,400
Pocahontas	284	50,700	267	48,100	291	55,000
Sioux	566	107,600	549	106,500	587	114,500
Northwest Dist.	3,576	668,900	3,405	645,900	3,590	699,800
Butler	441	70,500	438	73,500	470	84,100
Cerro Gordo	316	51,500	302	51,700	309	58,100
Floyd	283	47,600	279	49,100	294	55,300
Franklin	370	65,200	353	64,200	364	67,700
Hancock	361	65,700	346	63,700	371	70,900
Humboldt	213	40,400	203	39,100	212	43,700
Kossuth	617	115,400	569	106,000	595	113,600
Mitchell	290	51,200	282	49,900	303	56,700
Winnebago	311	58,300	301	59,800	327	66,100
Worth	255	43,100	243	43,000	258	48,800
Wright	290	50,100	270	46,500	283	50,900
North Central Dist.	3,747	659,000	3,586	646,500	3,786	715,900
Allamakee	206	34,900	192	35,600	206	38,700
Black Hawk	261	45,400	248	45,900	254	48,500
Bremer	416	70,300	414	73,200	439	76,400
Buchanan	289	49,700	284	50,000	310	55,500
Chickasaw	318	56,800	313	58,500	336	66,900
Clayton	383	69,000	357	63,900	373	69,000
Delaware	375	66,400	365	63,500	397	71,100
Dubuque	251	40,000	248	41,100	259	45,600
Fayette	461	80,200	449	80,900	489	90,500
Howard	247	38,300	241	37,900	264	43,300
Winneshiek	367	60,600	359	56,300	391	71,900
Northeast Dist.	3,574	611,600	3,470	606,800	3,718	677,400
Audubon	301	53,600	290	53,900	309	57,800
Calhoun	242	44,400	219	40,600	226	42,500
Carroll	311	57,800	299	59,500	317	63,700
Crawford	305	51,500	288	50,200	300	53,700
Greene	245	46,900	220	44,900	229	47,200
Guthrie	277	47,900	260	45,300	269	47,300
Harrison	222	36,100	204	34,500	212	37,100
Ida	184	33,100	177	32,100	190	35,000
Monona	172	29,000	160	27,200	171	29,800
Sac	274	52,400	261	51,900	274	55,600
Shelby	312	57,800	294	55,800	308	59,800
Woodbury	270	46,100	256	43,700	277	48,500
West Central Dist.	3,115	556,600	2,928	539,600	3,082	578,000
Boone	268	43,900	256	46,000	279	51,300
Dallas	262	49,000	253	49,300	265	51,900
Grundy	302	49,300	293	49,200	305	52,800
Hamilton	275	45,500	252	42,900	259	44,300
Hardin	334	54,400	314	57,600	332	60,100
Jasper	361	64,600	350	71,100	361	72,600
Marshall	239	39,400	225	36,300	238	38,600



## Layers on farms and egg production, by counties - Iowa

County and District	1948		1949		1950	
	Layers on farms during year <u>1/</u>	Annual egg production	Layers on farms during year <u>1/</u>	Annual egg production	Layers on farms during year <u>1/</u>	Annual egg production
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Polk	227	40,200	215	38,100	225	40,500
Poweshiek	234	43,400	222	44,900	233	47,800
Story	276	50,200	260	47,200	281	51,700
Tama	359	66,500	339	62,100	363	65,000
Webster	300	51,600	279	48,500	287	50,500
Central Dist.	3,437	598,000	3,258	593,200	3,428	627,100
Benton	298	52,800	288	57,100	306	60,300
Cedar	243	40,000	225	38,500	234	41,700
Clinton	294	46,100	273	42,700	284	46,000
Iowa	234	41,900	224	39,900	231	42,500
Jackson	182	28,400	165	26,200	175	29,400
Johnson	238	40,000	226	38,900	236	41,100
Jones	247	42,000	235	40,700	251	45,700
Linn	336	59,800	322	64,400	337	66,700
Muscatine	126	22,000	115	21,900	116	22,300
Scott	209	32,800	188	30,100	194	33,400
East Central Dist.	2,407	405,800	2,261	400,400	2,364	429,100
Adair	245	42,600	231	40,500	239	42,300
Adams	174	28,400	164	27,300	175	29,900
Cass	253	46,400	235	44,400	246	47,700
Fremont	104	17,500	92	16,100	92	16,200
Mills	96	15,400	87	14,200	89	15,400
Montgomery	161	28,600	151	27,400	158	28,900
Page	200	34,700	186	33,600	192	34,800
Pottawattamie	320	52,500	301	51,500	312	54,300
Taylor	212	34,100	202	32,200	213	35,600
Southwest Dist.	1,765	300,200	1,649	287,200	1,716	305,100
Appanoose	124	20,500	115	18,300	127	21,000
Clarke	122	21,600	119	20,400	133	24,200
Decatur	143	26,300	135	24,600	144	26,400
Lucas	148	26,700	137	25,500	152	29,300
Madison	167	29,600	158	28,500	166	31,200
Marion	246	46,500	231	46,000	238	46,600
Monroe	99	18,500	93	17,200	99	18,500
Ringgold	160	26,100	149	24,200	158	28,400
Union	137	24,900	133	24,100	142	25,600
Warren	178	29,100	168	29,400	174	31,000
Wayne	143	24,800	142	25,600	160	28,600
South Central Dist.	1,667	294,600	1,580	283,800	1,693	310,800
Davis	121	20,800	118	20,700	126	22,900
Des Moines	114	19,000	107	18,300	111	20,600
Henry	160	27,900	151	26,400	154	27,400
Jefferson	151	24,200	142	23,300	146	26,700
Keokuk	240	39,100	217	34,800	220	37,400
Lee	161	24,900	156	23,400	167	27,100
Louisa	87	14,700	80	14,100	84	15,100
Mahaska	284	45,400	270	44,000	286	50,600
Van Buren	147	23,500	140	22,400	150	25,600
Wapello	113	18,800	111	18,600	120	20,600
Washington	207	35,000	186	31,600	190	34,800
Southeast Dist.	1,785	293,300	1,678	277,600	1,754	308,800
State	25,073	4,388,000	23,815	4,281,000	25,131	4,652,000

1/ Average number of hens and pullets of laying age on farms during the year.



## Layers on farms and egg production, by counties - Iowa

County and District	1951		1952		1953	
	Layers on farms during year <u>1/</u>	Annual egg production	Layers on farms during year <u>1/</u>	Annual egg production	Layers on farms during year <u>1/</u>	Annual egg production
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Buena Vista	292	57,800	286	57,500	282	57,800
Cherokee	221	42,700	218	42,100	210	42,200
Clay	278	56,400	269	55,100	260	53,800
Dickinson	172	33,500	172	34,200	168	34,400
Emmet	178	36,100	174	35,000	166	33,500
Lyon	377	75,800	374	75,900	361	74,000
O'Brien	297	58,800	300	57,300	296	59,500
Osceola	236	47,700	236	48,400	228	48,300
Palo Alto	268	51,500	262	50,800	254	50,500
Plymouth	373	75,700	357	74,300	351	73,700
Pocahontas	286	54,900	277	54,000	271	55,300
Sioux	577	113,700	546	109,200	534	108,900
Northwest Dist.	3,555	704,600	3,471	693,800	3,381	691,900
Butler	458	84,700	440	81,400	429	82,400
Cerro Gordo	305	59,200	308	58,800	297	58,500
Floyd	295	57,800	287	56,000	276	54,900
Franklin	353	67,800	354	67,300	357	69,600
Hancock	367	70,100	368	70,300	366	71,400
Humboldt	206	42,600	198	40,800	191	39,200
Kossuth	583	116,000	577	114,200	573	114,600
Mitchell	305	58,000	307	58,000	303	58,500
Winnebago	323	64,900	316	63,800	311	63,800
Worth	257	49,100	258	49,300	252	49,600
Wright	287	53,100	281	52,300	272	52,800
North Central Dist.	3,739	723,300	3,694	712,200	3,627	715,300
Allamakee	200	38,400	189	36,700	184	36,400
Black Hawk	247	48,700	243	48,400	245	50,500
Bremer	434	80,700	420	79,800	401	79,400
Buchanan	306	57,800	299	57,100	294	57,900
Chickasaw	337	66,100	330	65,000	317	63,400
Clayton	363	66,400	346	63,700	342	66,000
Delaware	397	74,600	400	76,000	391	77,400
Dubuque	252	45,900	248	45,100	242	46,700
Fayette	492	91,000	481	89,500	469	87,700
Howard	274	45,800	272	45,400	266	48,400
Winneshiek	394	72,500	385	72,400	377	75,400
Northeast Dist.	3,696	687,900	3,613	679,100	3,528	689,200
Audubon	307	58,300	297	57,300	283	55,800
Calhoun	232	43,800	229	44,000	224	44,100
Carroll	310	62,300	305	60,400	292	61,300
Crawford	299	54,100	294	54,700	285	55,000
Greene	225	45,900	214	43,200	197	40,800
Guthrie	262	46,400	252	44,900	239	44,700
Harrison	212	37,300	200	35,600	180	32,800
Ida	183	34,000	175	32,000	177	34,900
Monona	172	30,300	162	28,000	150	26,700
Sac	269	55,400	268	55,200	265	56,700
Shelby	306	59,400	297	57,000	289	57,800
Woodbury	272	49,200	254	46,000	238	44,300
West Central Dist.	3,049	576,400	2,947	558,300	2,819	554,900
Boone	278	52,800	269	52,200	263	53,900
Dallas	249	50,000	241	49,200	227	47,900
Grundy	303	55,800	291	54,400	277	53,500
Hamilton	254	47,500	247	47,700	241	47,500
Hardin	332	61,400	322	59,900	306	61,500
Jasper	346	70,900	336	70,600	326	70,100
Marshall	236	39,900	229	39,400	218	39,500



## Layers on farms and egg production, by counties - Iowa

County and District	1951		1952		1953	
	Layers on farms during year 1/	Annual egg production	Layers on farms during year 1/	Annual egg production	Layers on farms during year 1/	Annual egg production
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Polk	223	41,900	211	41,100	193	39,600
Poweshiek	226	46,800	216	45,400	205	44,300
Story	279	52,200	269	51,400	257	51,700
Tama	357	66,400	350	67,200	343	68,900
Webster	280	52,600	268	51,500	253	49,800
Central Dist.	3,363	638,200	3,249	630,000	3,109	628,200
Benton	292	59,000	284	59,100	282	60,600
Cedar	227	40,900	215	40,000	202	38,600
Clinton	275	45,100	262	45,600	247	45,700
Iowa	219	41,400	209	39,900	203	41,800
Jackson	178	30,300	173	30,800	159	29,900
Johnson	227	40,000	217	39,500	204	38,100
Jones	249	47,800	239	47,100	229	47,200
Linn	327	65,700	317	65,000	299	62,800
Muscatine	112	22,000	107	21,000	98	19,500
Scott	191	34,400	177	32,900	163	31,100
East Central Dist.	2,297	426,600	2,200	420,900	2,086	415,300
Adair	238	42,600	226	41,800	212	40,500
Adams	170	30,900	159	29,300	152	29,000
Cass	243	48,600	235	48,400	226	48,400
Fremont	88	15,900	82	14,800	72	13,200
Mills	90	16,300	84	15,300	77	14,400
Montgomery	160	30,600	152	29,800	141	29,000
Page	195	36,900	189	35,500	180	35,100
Pottawattamie	313	56,700	306	56,600	288	56,200
Taylor	212	35,200	199	35,200	182	34,800
Southwest Dist.	1,709	313,700	1,632	306,700	1,530	300,600
Appanoose	124	21,600	114	19,800	101	17,800
Clarke	129	23,900	111	20,100	99	18,600
Decatur	143	26,200	133	24,200	115	21,200
Lucas	148	28,600	132	25,600	120	23,800
Madison	158	29,900	148	28,700	136	27,100
Marion	226	44,700	216	42,600	205	40,800
Monroe	96	17,800	93	17,200	86	17,100
Ringgold	157	26,500	148	25,600	136	25,000
Union	140	25,800	138	25,400	126	24,600
Warren	171	30,300	157	27,900	138	25,900
Wayne	159	28,900	151	27,900	137	26,200
South Central Dist.	1,651	304,200	1,541	285,000	1,399	268,100
Davis	126	23,300	120	22,600	109	21,300
Des Moines	104	19,400	98	18,700	92	18,200
Henry	145	26,500	137	26,000	126	24,900
Jefferson	140	26,000	131	25,200	121	24,800
Keokuk	211	38,000	198	36,600	183	35,300
Lee	162	27,100	158	27,600	149	27,900
Louisa	81	14,800	76	14,300	73	14,400
Mahaska	286	52,900	272	52,200	250	50,200
Van Buren	148	26,200	141	25,500	127	24,600
Wapello	117	21,100	114	21,500	102	20,500
Washington	181	33,800	165	31,800	151	30,400
Southeast Dist.	1,701	309,100	1,610	302,000	1,483	292,500
State	24,760	4,684,000	23,957	4,588,000	22,962	4,556,000

1/ Average number of hens and pullets of laying age on farms during the year.



## Layers on farms and egg production, by counties - Iowa

County and District	1954		1955		1956	
	Layers on farms during year 1/	Annual egg production	Layers on farms during year 1/	Annual egg production	Layers on farms during year 1/	Annual egg production
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Buena Vista	295	61,400	297	63,000	310	66,000
Cherokee	221	45,300	221	46,900	225	47,000
Clay	267	54,500	255	52,500	258	54,400
Dickinson	176	35,900	178	37,000	181	38,600
Emmet	171	34,000	170	34,300	173	35,300
Lyon	372	76,600	374	77,800	382	80,600
O'Brien	310	64,200	306	63,000	306	64,600
Osceola	244	52,900	244	53,900	247	54,100
Palo Alto	263	53,700	261	55,300	268	57,100
Plymouth	372	80,000	377	82,600	387	84,800
Pocahontas	277	58,200	272	58,800	282	61,200
Sioux	561	116,700	553	116,100	571	121,600
Northwest Dist.	3,529	733,400	3,508	741,200	3,590	765,300
Butler	450	90,000	437	90,500	441	92,200
Cerro Gordo	301	60,800	304	64,100	316	67,300
Floyd	297	59,100	300	60,900	315	65,200
Franklin	371	73,800	371	75,300	388	81,100
Hancock	375	74,600	386	81,100	414	86,500
Humboldt	201	41,400	201	42,200	206	43,500
Kossuth	600	122,400	613	128,700	650	137,800
Mitchell	319	65,100	320	67,200	313	66,000
Winnebago	328	68,200	331	70,200	343	72,400
Worth	265	53,000	269	55,700	277	57,900
Wright	281	55,100	274	55,600	285	57,300
North Central Dist.	3,788	763,500	3,806	791,500	3,948	827,200
Allamakee	195	38,400	195	40,800	198	41,400
Black Hawk	254	52,600	249	53,500	268	56,800
Bremer	418	83,600	415	85,900	426	88,200
Buchanan	301	61,100	290	61,200	292	61,300
Chickasaw	330	66,000	327	65,400	335	66,700
Clayton	372	71,800	370	73,300	374	76,300
Delaware	397	79,400	402	82,000	418	86,100
Dubuque	252	49,400	252	52,900	259	53,600
Fayette	488	93,700	462	93,300	459	94,100
Howard	282	51,000	285	53,000	295	59,300
Winneshiek	391	79,800	387	79,700	399	82,600
Northeast Dist.	3,680	726,800	3,634	741,000	3,723	766,400
Audubon	290	56,300	279	55,800	281	55,900
Calhoun	225	44,600	214	44,300	213	45,200
Carroll	299	62,500	298	65,000	301	65,600
Crawford	299	58,300	301	60,500	306	63,300
Greene	190	39,700	190	41,800	197	43,500
Guthrie	247	48,700	244	50,000	249	51,300
Harrison	185	34,000	174	34,300	165	33,500
Ida	187	38,100	184	39,400	184	39,700
Monona	152	27,100	147	27,900	145	28,900
Sac	283	62,300	285	65,000	294	63,800
Shelby	309	63,700	314	67,800	320	67,800
Woodbury	243	45,700	235	46,100	232	46,600
West Central Dist.	2,909	581,000	2,865	597,900	2,887	605,100
Boone	276	57,100	271	58,300	276	59,100
Dallas	228	48,100	228	49,900	227	48,600
Grundy	287	55,700	287	56,800	304	62,900
Hamilton	250	49,000	243	49,100	243	49,100
Hardin	316	64,100	314	66,600	319	67,600
Jasper	336	72,200	328	73,100	333	71,900
Marshall	222	42,800	213	43,000	211	43,300



## Layers on farms and egg production, by counties - Iowa

County and District	1954		1955		1956	
	Layers on farms during year	Annual egg production	Layers on farms during year	Annual egg production	Layers on farms during year	Annual egg production
	<u>1/</u>		<u>1/</u>		<u>1/</u>	
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Polk	196	40,600	195	42,100	193	42,500
Poweshiek	214	45,800	210	46,200	212	46,200
Story	271	55,000	272	57,100	268	56,800
Tama	361	75,400	359	78,600	364	78,600
Webster	<u>265</u>	<u>51,900</u>	<u>262</u>	<u>52,700</u>	<u>260</u>	<u>52,000</u>
Central Dist.	3,222	657,700	3,182	673,500	3,210	678,600
Benton	290	60,300	290	65,500	300	65,400
Cedar	205	40,600	201	41,400	208	43,300
Clinton	253	48,800	248	47,900	255	52,000
Iowa	209	44,300	200	43,400	197	42,400
Jackson	163	31,500	165	32,200	168	33,400
Johnson	207	39,700	205	40,000	210	41,800
Jones	238	50,700	238	50,700	249	52,800
Linn	297	62,100	283	59,400	287	59,700
Muscatine	94	18,600	89	17,300	91	17,900
Scott	<u>168</u>	<u>33,300</u>	<u>160</u>	<u>32,300</u>	<u>156</u>	<u>31,800</u>
East Central Dist.	2,124	429,900	2,079	430,100	2,121	440,500
Adair	218	41,900	213	41,100	212	42,000
Adams	162	31,100	155	30,500	144	28,700
Cass	235	50,300	229	50,200	224	48,600
Fremont	70	12,700	65	12,100	65	12,200
Mills	79	15,100	74	14,300	72	14,000
Montgomery	149	31,400	146	31,400	138	29,500
Page	188	37,000	183	36,800	183	37,000
Pottawattamie	295	57,800	285	57,300	287	59,100
Taylor	<u>186</u>	<u>35,700</u>	<u>182</u>	<u>35,900</u>	<u>177</u>	<u>35,400</u>
Southwest Dist.	1,582	313,000	1,532	309,600	1,502	306,500
Appanoose	100	18,300	103	19,700	103	20,000
Clarke	108	20,600	108	21,400	109	22,700
Decatur	116	21,200	113	21,200	107	20,900
Lucas	120	24,200	114	23,300	115	23,500
Madison	126	25,300	118	24,300	118	24,300
Marion	212	42,200	208	42,600	206	42,000
Monroe	83	16,700	79	16,300	80	16,300
Ringgold	141	26,900	136	26,500	134	26,400
Union	121	24,000	117	24,000	113	23,300
Warren	139	27,000	137	27,300	133	26,700
Wayne	<u>137</u>	<u>26,600</u>	<u>137</u>	<u>27,700</u>	<u>139</u>	<u>28,200</u>
South Central Dist.	1,403	273,000	1,370	274,300	1,357	274,300
Davis	113	22,500	117	23,800	115	23,700
Des Moines	94	19,000	88	18,100	86	17,500
Henry	124	24,600	119	24,600	118	24,100
Jefferson	123	25,500	121	25,300	120	25,300
Keokuk	185	36,800	176	36,300	176	36,300
Lee	146	27,900	147	29,300	152	30,400
Louisa	75	15,200	69	14,200	61	12,500
Mahaska	254	50,800	249	51,300	245	50,700
Van Buren	124	24,600	122	25,600	124	25,700
Wapello	96	19,800	89	18,800	86	18,200
Washington	<u>156</u>	<u>32,000</u>	<u>153</u>	<u>32,600</u>	<u>155</u>	<u>32,700</u>
Southeast Dist.	1,490	298,700	1,450	299,900	1,438	297,100
State	23,727	4,777,000	23,426	4,859,000	23,776	4,961,000

1/ Average number of hens and pullets of laying age on farms during the year.



## Layers on farms and egg production, by counties - Iowa

County and District	1957		1958		1959	
	Layers on farms during year <u>1/</u>	Annual egg production	Layers on farms during year <u>1/</u>	Annual egg production	Layers on farms during year <u>1/</u>	Annual egg production
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Buena Vista	307	65,700	303	67,600	301	68,000
Cherokee	219	45,300	219	48,000	218	49,300
Clay	264	57,000	271	61,000	272	61,200
Dickinson	179	38,700	182	40,800	187	41,900
Emmet	169	35,000	168	36,500	162	35,500
Lyon	391	93,100	413	90,400	428	93,300
O'Brien	304	67,500	313	71,700	321	74,800
Osceola	246	52,900	250	55,200	254	56,900
Palo Alto	268	57,100	279	61,700	286	63,800
Plymouth	382	84,400	400	91,600	414	94,400
Pocahontas	285	61,000	299	68,200	310	71,900
Sioux	<u>575</u>	<u>121,300</u>	<u>586</u>	<u>127,700</u>	<u>590</u>	<u>129,200</u>
Northwest Dist.	3,589	779,000	3,683	820,400	3,743	840,200
Butler	446	94,600	460	98,000	463	100,000
Cerro Gordo	308	65,600	315	67,100	323	68,500
Floyd	321	68,400	330	71,900	319	69,900
Franklin	399	85,000	410	86,900	417	88,400
Hancock	438	93,300	468	105,300	489	111,500
Humboldt	205	43,900	210	46,000	209	46,800
Kossuth	660	140,600	677	148,300	679	150,700
Mitchell	302	64,900	310	69,100	324	72,600
Winnebago	354	76,100	361	79,800	346	77,200
Worth	279	60,000	290	64,100	314	68,800
Wright	<u>282</u>	<u>60,100</u>	<u>289</u>	<u>65,600</u>	<u>310</u>	<u>71,600</u>
North Central Dist.	3,994	852,500	4,120	902,100	4,193	926,000
Allamakee	193	40,900	191	40,900	182	38,600
Black Hawk	275	58,600	278	61,400	271	60,400
Bremer	426	90,300	428	92,400	423	89,700
Buchanan	291	62,000	300	65,700	300	65,400
Chickasaw	343	69,300	357	73,500	359	73,600
Clayton	372	78,100	366	77,600	347	72,900
Delaware	425	89,200	442	95,500	436	93,300
Dubuque	258	54,200	260	55,100	249	51,800
Fayette	448	94,100	436	92,400	424	89,500
Howard	296	60,400	294	60,900	293	60,100
Winneshiek	<u>398</u>	<u>84,400</u>	<u>406</u>	<u>86,900</u>	<u>403</u>	<u>85,400</u>
Northeast Dist.	3,725	781,500	3,758	802,300	3,687	780,700
Audubon	283	58,000	288	61,900	283	61,700
Calhoun	206	44,700	202	44,200	206	44,300
Carroll	307	66,900	319	70,800	321	71,300
Crawford	307	63,900	323	69,400	330	72,900
Greene	189	41,000	190	42,200	178	39,500
Guthrie	245	50,700	242	50,300	240	49,400
Harrison	154	32,000	147	30,700	140	28,800
Ida	185	39,600	194	42,100	199	43,000
Monona	133	26,500	122	24,300	110	21,600
Sac	296	65,400	314	69,700	312	69,600
Shelby	319	67,600	323	70,100	320	69,100
Woodbury	<u>218</u>	<u>44,900</u>	<u>216</u>	<u>44,700</u>	<u>212</u>	<u>43,200</u>
West Central Dist.	2,842	601,200	2,880	620,400	2,851	614,400
Boone	276	59,600	293	63,300	312	69,600
Dallas	211	44,700	206	44,300	190	41,600
Grundy	304	64,100	302	64,300	301	64,100
Hamilton	241	49,900	240	50,600	229	49,000
Hardin	314	67,800	317	69,100	311	69,400
Jasper	327	69,700	320	69,100	311	69,400
Marshall	197	41,200	183	38,600	177	38,200



## Layers on farms and egg production, by counties - Iowa

County and District	1957		1958		1959	
	Layers on farms during year <u>1/</u>	Annual egg production	Layers on farms during year <u>1/</u>	Annual egg production	Layers on farms during year <u>1/</u>	Annual egg production
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Polk	174	39,200	162	37,400	168	39,600
Poweshiek	209	45,600	211	46,000	207	46,200
Story	254	54,100	253	53,900	248	53,100
Tama	368	80,200	381	82,700	382	83,300
Webster	252	51,400	248	51,100	230	48,300
Central Dist.	3,127	667,500	3,116	670,400	3,066	671,800
Benton	306	67,000	315	69,900	306	68,500
Cedar	214	45,400	214	45,600	206	43,900
Clinton	249	51,800	238	50,900	221	47,700
Iowa	186	40,200	184	39,600	183	39,000
Jackson	163	32,900	155	31,600	141	28,800
Johnson	207	41,600	204	42,000	192	39,600
Jones	244	51,700	237	50,000	227	47,400
Linn	284	59,100	279	58,300	262	54,800
Muscatine	88	17,700	81	16,300	74	14,900
Scott	149	30,800	138	28,600	128	26,500
East Central Dist.	2,090	438,200	2,045	432,800	1,940	411,100
Adair	200	41,200	201	42,000	210	44,100
Adams	135	27,300	136	28,200	138	28,200
Cass	214	46,200	209	45,800	199	43,600
Fremont	62	11,800	57	11,200	53	10,400
Mills	66	13,100	67	13,300	62	12,200
Montgomery	129	27,700	128	27,500	124	26,200
Page	174	35,300	168	34,400	162	34,000
Portawattamie	282	58,100	277	58,200	276	58,200
Taylor	164	33,100	156	32,800	148	30,900
Southwest Dist.	1,426	293,800	1,399	293,400	1,372	287,800
Appanoose	98	19,000	99	19,200	90	17,200
Clarke	107	22,900	104	22,500	97	21,000
Decatur	97	19,100	91	18,300	86	17,400
Lucas	108	22,100	104	21,300	100	20,000
Madison	108	22,500	108	23,200	110	23,600
Marion	200	40,800	203	41,400	195	39,200
Monroe	76	15,600	73	15,200	67	14,000
Ringgold	127	25,700	126	25,800	117	23,900
Union	108	22,500	105	22,000	102	21,200
Warren	125	25,200	125	25,600	118	24,100
Wayne	133	27,300	133	27,400	134	26,900
South Central Dist.	1,287	262,700	1,271	261,900	1,216	248,500
Davis	110	23,200	115	25,000	115	25,000
Des Moines	80	16,900	75	16,200	70	15,200
Henry	111	23,300	108	23,300	108	23,400
Jefferson	116	25,100	116	26,000	115	26,000
Keokuk	170	35,500	171	35,700	168	34,800
Lee	143	29,200	142	29,300	142	28,700
Louisa	56	11,400	55	11,500	58	12,100
Mahaska	225	46,800	214	44,500	211	43,500
Van Buren	116	24,100	106	22,000	105	21,500
Wapello	78	16,500	72	15,400	66	14,100
Washington	147	31,600	140	31,400	131	29,200
Southeast Dist.	1,352	283,600	1,314	280,300	1,289	273,500
State	23,432	4,960,000	23,586	5,084,000	23,357	5,054,000

1/ Average number of hens and pullets of laying age on farms during the year.



## Layers on farms and egg production, by counties - Iowa

County and District	1960		1961		1962	
	Layers on farms during year 1/	Annual egg production	Layers on farms during year 1/	Annual egg production	Layers on farms during year 1/	Annual egg production
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Buena Vista	287	66,000	285	66,100	262	60,300
Cherokee	196	44,900	189	43,500	181	41,300
Clay	253	56,900	250	57,000	233	53,800
Dickinson	179	40,300	179	40,500	163	37,800
Emmet	152	33,600	152	33,600	140	30,700
Lyon	416	91,900	410	88,600	377	82,900
O'Brien	316	75,800	325	78,300	289	69,100
Osceola	251	57,200	256	58,900	229	52,200
Palo Alto	273	61,700	267	60,900	248	56,000
Plymouth	395	90,800	397	92,100	363	83,900
Pocahontas	298	70,300	296	70,700	272	64,200
Sioux	564	124,600	566	126,200	517	113,700
Northwest Dist.	3,580	814,000	3,572	816,400	3,274	745,900
Butler	440	96,400	441	96,100	404	87,700
Cerro Gordo	303	65,400	290	62,100	275	61,300
Floyd	275	62,400	265	59,600	258	59,300
Franklin	405	88,300	406	90,500	369	81,900
Hancock	494	114,600	508	117,900	448	104,800
Humboldt	200	45,600	202	46,300	183	42,300
Kossuth	648	146,400	631	142,000	589	132,500
Mitchell	314	71,600	313	70,400	286	64,100
Winnebago	334	76,500	347	79,500	309	71,100
Worth	315	70,200	296	66,000	278	61,700
Wright	294	68,800	274	63,600	264	61,200
North Central Dist.	4,022	906,200	3,973	894,000	3,663	827,900
Allamakee	163	34,600	158	34,300	151	33,200
Black Hawk	259	58,800	268	60,600	240	52,600
Bremer	401	85,800	403	86,600	369	79,000
Buchanan	273	59,500	260	57,500	250	55,500
Chickasaw	335	69,300	327	68,000	307	63,500
Clayton	311	65,000	295	61,400	286	59,500
Delaware	418	89,500	415	88,800	382	81,700
Dubuque	224	46,600	222	45,700	209	42,800
Fayette	381	80,800	366	78,300	352	75,000
Howard	277	56,800	270	55,400	252	51,900
Winneshiek	374	80,000	371	81,200	345	75,200
Northeast Dist.	3,416	726,700	3,355	717,800	3,143	669,900
Audubon	262	57,900	276	61,000	247	54,300
Calhoun	201	44,400	197	43,700	182	40,600
Carroll	312	71,400	313	70,700	284	64,500
Crawford	314	71,300	320	73,000	290	65,800
Greene	162	37,100	159	36,600	150	34,400
Guthrie	234	49,400	246	52,200	216	48,400
Harrison	121	25,300	116	24,000	113	24,000
Ida	193	43,000	198	44,400	177	39,800
Monona	89	17,800	87	17,300	86	19,200
Sac	283	65,100	284	65,300	264	61,500
Shelby	305	68,600	310	69,400	281	62,900
Woodbury	187	39,100	190	39,100	177	37,500
West Central Dist.	2,663	590,400	2,696	596,700	2,467	552,900
Boone	294	67,000	280	65,000	266	62,500
Dallas	165	37,000	158	35,900	154	34,700
Grundy	286	62,600	287	63,700	263	58,900
Hamilton	213	46,000	209	46,600	196	45,100
Hardin	284	64,800	284	66,200	264	63,400
Jasper	288	66,200	280	65,800	264	61,800
Marshall	164	36,600	157	35,300	150	33,500



## Layers on farms and egg production, by counties - Iowa

County and District	1960		1961		1962	
	Layers on farms during year <u>1/</u>	Annual egg production	Layers on farms during year <u>1/</u>	Annual egg production	Layers on farms during year <u>1/</u>	Annual egg production
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Polk	156	37,100	139	33,900	139	34,300
Poweshiek	192	43,800	197	45,900	179	41,300
Story	222	48,400	209	46,800	204	45,700
Tama	361	79,400	366	83,400	333	75,300
Webster	193	41,500	176	38,400	180	38,700
Central Dist.	2,818	630,400	2,742	626,900	2,592	595,200
Benton	284	64,200	282	64,000	262	59,000
Cedar	194	41,700	194	41,900	178	40,800
Clinton	209	46,200	215	47,900	194	43,100
Iowa	168	35,800	164	34,800	155	32,700
Jackson	121	24,900	115	23,800	113	23,300
Johnson	170	35,400	159	33,200	157	32,500
Jones	206	43,700	197	41,800	189	40,100
Linn	232	49,400	228	49,500	217	48,200
Muscatine	66	13,500	69	14,100	63	12,900
Scott	122	25,600	130	27,400	114	23,900
East Central Dist.	1,772	380,400	1,753	378,400	1,642	356,500
Adair	204	43,700	207	44,100	187	39,300
Adams	125	25,800	122	24,800	116	23,300
Cass	183	40,300	185	40,300	170	37,100
Fremont	45	8,800	43	8,500	42	8,200
Mills	56	11,000	58	11,300	53	11,400
Montgomery	114	24,900	112	24,600	105	22,800
Page	148	31,200	145	30,700	137	28,800
Pottawattamie	253	54,100	246	54,400	233	51,000
Taylor	130	28,000	125	27,500	121	26,300
Southwest Dist.	1,258	267,800	1,243	266,200	1,164	248,200
Appanoose	73	13,800	70	13,200	70	13,400
Clarke	78	17,000	69	15,200	73	16,100
Decatur	76	15,200	74	14,700	71	14,000
Lucas	91	18,200	89	17,700	84	17,600
Madison	105	22,900	98	21,400	94	20,500
Marion	174	35,000	173	34,400	163	35,500
Monroe	59	12,500	60	12,800	56	12,200
Ringgold	91	18,900	84	17,400	87	18,100
Union	87	18,200	80	16,600	81	16,700
Warren	102	21,200	100	21,000	96	20,000
Wayne	122	24,400	116	23,100	112	23,000
South Central Dist.	1,058	217,300	1,013	207,500	987	207,100
Davis	104	23,000	99	22,200	96	21,200
Des Moines	59	12,800	54	11,700	55	12,600
Henry	100	21,900	88	19,400	89	19,400
Jefferson	104	23,700	97	21,900	95	21,100
Keokuk	146	30,200	138	28,200	136	27,300
Lee	137	27,500	141	28,800	126	27,100
Louisa	59	12,200	57	11,700	52	11,200
Mahaska	194	40,000	187	38,100	178	36,100
Van Buren	90	18,600	75	15,300	81	16,300
Wapello	59	12,700	62	13,500	56	12,300
Washington	113	25,200	110	24,300	107	23,800
Southeast Dist.	1,165	247,800	1,108	235,100	1,071	228,400
State	21,752	4,781,000	21,455	4,739,000	20,003	4,432,000

1/ Average number of hens and pullets of laying age on farms during the year.



Farms with hens and pullets of laying age: Total number, number and percent by flock size groups 1/, crop reporting districts, Iowa, 1958

District	Farms Reporting Hens and Pullets of Laying Age by Size Groups - No. & Pct. of Total <u>2/</u>										
	0-399 Layers		400-599 Layers		600-799 Layers		800-1599 Layers		1600 Layers And Over		Total
	Number	Pct.	Number	Pct.	Number	Pct.	Number	Pct.	Number	Pct.	Number Pct.
Northwest	13,366	87.9	1,383	9.1	290	1.9	158	1.0	15	.1	15,212 100
North Central	11,413	80.8	1,875	13.3	494	3.5	320	2.3	28	.1	14,130 100
Northeast	14,830	88.7	1,371	8.2	327	2.0	173	1.0	25	.1	16,726 100
West Central	14,587	94.4	655	4.2	130	.9	61	.4	23	.1	15,456 100
Central	13,739	91.0	972	6.5	219	1.5	140	.9	26	.1	15,096 100
East Central	12,192	95.1	462	3.6	92	.7	58	.5	11	.1	12,815 100
Southwest	9,671	97.7	180	1.8	26	.3	22	.2	3	---	9,902 100
South Central	9,666	97.4	187	1.9	37	.4	30	.3	5	---	9,925 100
Southeast	9,811	96.9	211	2.1	49	.5	46	.4	11	.1	10,128 100
State	109,275	91.5	7,296	6.1	1,664	1.4	1,008	.9	147	.1	119,390 100

See footnotes at bottom of this page.

Farms with hens and pullets of laying age: Total number, number and percent by flock size groups 1/, crop reporting districts, Iowa, 1959

District	Farms Reporting Hens and Pullets of Laying Age by Size Groups - No. & Pct. of Total <u>2/</u>										
	0-399 Layers		400-599 Layers		600-799 Layers		800-1599 Layers		1600 Layers And Over		Total
	Number	Pct.	Number	Pct.	Number	Pct.	Number	Pct.	Number	Pct.	Number Pct.
Northwest	12,671	85.9	1,487	10.1	361	2.4	200	1.4	24	.2	14,743 100
North Central	10,257	76.9	2,120	15.9	539	4.0	376	2.8	55	.4	13,347 100
Northeast	13,405	86.2	1,552	10.0	332	2.1	216	1.4	47	.3	15,552 100
West Central	13,606	92.8	787	5.4	156	1.1	89	.6	25	.1	14,663 100
Central	12,635	89.1	1,094	7.7	236	1.7	162	1.1	48	.4	14,175 100
East Central	11,056	94.0	526	4.5	91	.8	73	.6	15	.1	11,761 100
Southwest	9,032	96.9	222	2.4	38	.4	26	.3	5	---	9,323 100
South Central	8,956	96.4	236	2.5	53	.6	39	.4	7	.1	9,291 100
Southeast	9,131	96.1	234	2.5	56	.6	67	.7	15	.1	9,503 100
State	100,749	89.7	8,258	7.3	1,862	1.7	1,248	1.1	241	.2	112,358 100

See footnotes at bottom of this page.

Farms with hens and pullets of laying age: Total number, number and percent by flock size groups 1/, crop reporting districts, Iowa, 1960

District	Farms Reporting Hens and Pullets of Laying Age by Size Groups - No. & Pct. of Total <u>2/</u>										
	0-399 Layers		400-599 Layers		600-799 Layers		800-1599 Layers		1600 Layers And Over		Total
	Number	Pct.	Number	Pct.	Number	Pct.	Number	Pct.	Number	Pct.	Number Pct.
Northwest	10,909	82.8	1,575	11.9	394	3.0	263	2.0	41	.3	13,182 100
North Central	8,919	73.7	2,082	17.2	563	4.6	462	3.8	79	.7	12,105 100
Northeast	12,014	84.8	1,453	10.3	391	2.8	249	1.7	57	.4	14,164 100
West Central	11,909	91.5	799	6.1	180	1.4	108	.8	26	.2	13,022 100
Central	10,773	87.7	1,021	8.3	227	1.8	197	1.6	71	.6	12,289 100
East Central	9,555	93.3	478	4.7	117	1.1	75	.7	17	.2	10,242 100
Southwest	8,152	95.9	264	3.1	49	.6	30	.3	8	.1	8,503 100
South Central	7,769	95.8	223	2.7	57	.7	55	.7	9	.1	8,113 100
Southeast	7,899	95.2	247	3.0	53	.6	70	.9	27	.3	8,296 100
State	87,899	88.0	8,142	8.1	2,031	2.0	1,509	1.5	335	.4	99,916 100

1/ A farm with hens and pullets of laying age is defined as a farm reporting either of these items in the "Assessors' Annual Farm Census" as being on hand the day of enumeration.

2/ Number reporting in each size group as a percent of the total number reporting hens and pullets of laying age.



Hens and pullets of laying age: Total number, number and percent by flock size groups 1/crop reporting districts, Iowa, 1958

District	Hens and Pullets of Laying Age by Size Groups - Number and Percent of Total <u>2</u> /											
	0-399 Layers		400-599 Layers		600-799 Layers		800-1599 Layers		1600 Layers And Over		Total	
	Thou.	Pct.	Thou.	Pct.	Thou.	Pct.	Thou.	Pct.	Thou.	Pct.	Thou.	Pct.
Northwest	2,536	71.8	621	17.6	187	5.3	153	4.3	35	1.0	3,532	100
North Central	2,375	60.0	847	21.4	324	8.2	319	8.1	93	2.3	3,958	100
Northeast	2,618	71.2	612	16.7	210	5.7	173	4.7	63	1.7	3,676	100
West Central	2,287	82.4	291	10.5	84	3.0	62	2.2	54	1.9	2,778	100
Central	2,241	74.2	437	14.5	143	4.8	140	4.6	58	1.9	3,019	100
East Central	1,667	82.2	203	10.0	60	3.0	55	2.7	42	2.1	2,027	100
Southwest	1,241	90.9	81	6.0	17	1.2	21	1.5	6	.4	1,366	100
South Central	1,086	87.9	82	6.7	24	1.9	29	2.4	14	1.1	1,235	100
Southeast	1,073	84.4	95	7.5	31	2.4	48	3.8	25	1.9	1,272	100
State	17,124	74.9	3,269	14.3	1,080	4.7	1,000	4.4	390	1.7	22,863	100

See footnotes at bottom of this page.

Hens and pullets of laying age: Total number, number and percent by flock size groups 1/ crop reporting districts, Iowa, 1959

District	Hens and Pullets of Laying Age by Size Groups - Number and Percent of Total <u>2</u> /											
	0-399 Layers		400-599 Layers		600-799 Layers		800-1599 Layers		1600 Layers And Over		Total	
	Thou.	Pct.	Thou.	Pct.	Thou.	Pct.	Thou.	Pct.	Thou.	Pct.	Thou.	Pct.
Northwest	2,537	68.8	667	18.1	237	6.4	193	5.3	52	1.4	3,686	100
North Central	2,223	54.0	962	23.4	356	8.7	372	9.0	202	4.9	4,115	100
Northeast	2,452	66.4	696	18.9	215	5.8	207	5.6	120	3.3	3,690	100
West Central	2,243	78.2	352	12.3	102	3.5	89	3.1	83	2.9	2,869	100
Central	2,156	69.9	495	16.0	153	5.0	160	5.2	120	3.9	3,084	100
East Central	1,564	78.9	234	11.8	59	3.0	71	3.6	53	2.7	1,981	100
Southwest	1,214	88.4	99	7.2	24	1.7	26	1.9	11	.8	1,374	100
South Central	1,062	84.5	106	8.4	34	2.7	40	3.2	15	1.2	1,257	100
Southeast	1,053	80.8	107	8.2	37	2.8	73	5.6	34	2.6	1,304	100
State	16,504	70.7	3,718	15.9	1,217	5.2	1,231	5.3	690	2.9	23,360	100

See footnotes at bottom of this page.

Hens and pullets of laying age: Total number, number and percent by flock size groups 1/ crop reporting districts, Iowa, 1960

District	Hens and Pullets of Laying Age by Size Groups - Number and Percent of Total <u>2</u> /											
	0-399 Layers		400-599 Layers		600-799 Layers		800-1599 Layers		1600 Layers And Over		Total	
	Thou.	Pct.	Thou.	Pct.	Thou.	Pct.	Thou.	Pct.	Thou.	Pct.	Thou.	Pct.
Northwest	2,186	62.1	708	20.1	256	7.3	263	7.5	106	3.0	3,519	100
North Central	1,923	48.7	945	23.9	368	9.3	459	11.6	256	6.5	3,951	100
Northeast	2,103	61.8	652	19.2	256	7.5	242	7.1	151	4.4	3,404	100
West Central	1,954	74.7	361	13.8	116	4.4	115	4.4	71	2.7	2,617	100
Central	1,797	63.9	461	16.4	148	5.3	195	6.9	212	7.5	2,813	100
East Central	1,333	76.1	215	12.3	77	4.4	74	4.2	52	3.0	1,751	100
Southwest	1,068	84.4	116	9.2	33	2.6	29	2.3	19	1.5	1,265	100
South Central	865	80.0	101	9.3	38	3.5	55	5.1	23	2.1	1,082	100
Southeast	872	74.0	110	9.3	34	2.9	76	6.4	87	7.4	1,179	100
State	14,101	65.3	3,669	17.0	1,326	6.2	1,508	7.0	977	4.5	21,581	100

1/ Hens and pullets of laying age reported as being on hand the day of enumeration in the "Assessors' Annual Farm Census."

2/ Number reported in each size group as a percent of the total number of hens and pullets of laying age reported.



Farms with hens and pullets of laying age: Total number and percent by flock size groups,  
Iowa, 1958-1962 <sup>1/</sup>

Year	Farms Reporting Layers	Farms Reporting Hens and Pullets of Laying Age by Size Groups - As Percent of Total <sup>2/</sup>					
		Under 400 Layers	400-599 Layers	600-799 Layers	800-1599 Layers	1600 or More Layers	Total
	Number	Percent	Percent	Percent	Percent	Percent	Percent
1958	119,390	91.5	6.1	1.4	0.9	0.1	100.0
1959	112,358	89.7	7.3	1.7	1.1	0.2	100.0
1960	99,916	88.0	8.1	2.0	1.5	0.4	100.0
1961	93,683	86.8	8.7	2.4	1.7	0.4	100.0
1962	85,940	85.5	9.5	2.6	1.9	0.5	100.0

Farms with hens and pullets of laying age: Total number, percent by flock size groups and by  
crop reporting districts, Iowa, 1961 <sup>1/</sup>

District	Farms Reporting Layers	Farms Reporting Hens and Pullets of Laying Age by Size Groups - As Percent of Total <sup>2/</sup>					
		Under 400 Layers	400-599 Layers	600-799 Layers	800-1599 Layers	1600 or More Layers	Total
	Number	Percent	Percent	Percent	Percent	Percent	Percent
Northwest	12,474	80.9	12.8	3.5	2.4	0.4	100.0
North Central	11,440	70.6	18.7	5.5	4.3	0.9	100.0
Northeast	13,093	83.9	10.6	3.0	2.0	0.5	100.0
West Central	12,399	90.4	6.3	1.8	1.2	0.3	100.0
Central	11,679	86.9	8.5	2.1	1.8	0.7	100.0
East Central	9,868	92.5	5.3	1.3	0.7	0.2	100.0
Southwest	7,911	95.4	3.3	0.7	0.5	0.1	100.0
South Central	7,226	95.5	2.7	0.8	0.7	0.3	100.0
Southeast	7,593	94.9	3.2	0.7	0.8	0.4	100.0
State	93,683	86.8	8.7	2.4	1.7	0.4	100.0

Farms with hens and pullets of laying age: Total number, percent by flock size groups and by  
crop reporting districts, Iowa, 1962 <sup>1/</sup>

District	Farms Reporting Layers	Farms Reporting Hens and Pullets of Laying Age by Size Groups - As Percent of Total <sup>2/</sup>					
		Under 400 Layers	400-599 Layers	600-799 Layers	800-1599 Layers	1600 or More Layers	Total
	Number	Percent	Percent	Percent	Percent	Percent	Percent
Northwest	11,467	79.0	14.2	3.6	2.7	0.5	100.0
North Central	10,294	68.8	19.5	6.0	4.8	0.9	100.0
Northeast	12,063	82.2	11.6	3.4	2.3	0.5	100.0
West Central	11,642	88.5	8.0	1.8	1.3	0.4	100.0
Central	10,316	85.1	9.5	2.5	2.1	0.8	100.0
East Central	9,145	92.0	5.6	1.4	0.8	0.2	100.0
Southwest	7,328	94.8	3.6	0.9	0.6	0.1	100.0
South Central	6,677	94.7	3.2	1.0	0.9	0.2	100.0
Southeast	7,008	94.5	3.6	0.9	0.7	0.3	100.0
State	85,940	85.5	9.5	2.6	1.9	0.5	100.0

<sup>1/</sup> A farm with hens and pullets of laying age is defined as a farm reporting hens and pullets of laying age on hand at the time of enumeration for the "Assessors' Annual Farm Census" which is usually taken between January and March.

<sup>2/</sup> Number reporting in each size group as a percent of the total number reporting hens and pullets of laying age.



Hens and pullets of laying age: Total number and percent by flock size groups,  
Iowa, 1958-1962 1/

Year	Total Hens and Pullets	Hens and Pullets of Laying Age by Size Groups - As Percent of Total <u>2/</u>					
		Under 400 Layers	400-599 Layers	600-799 Layers	800-1599 Layers	1600 or More Layers	Total
	Thousand	Percent	Percent	Percent	Percent	Percent	Percent
1958	22,863	74.9	14.3	4.7	4.4	1.7	100.0
1959	23,360	70.7	15.9	5.2	5.3	2.9	100.0
1960	21,581	65.3	17.0	6.2	7.0	4.5	100.0
1961	20,843	61.8	17.7	6.9	7.9	5.7	100.0
1962	19,952	59.6	18.5	7.3	8.4	6.2	100.0

Hens and pullets of laying age: Total number, percent by flock size groups and by  
crop reporting districts, Iowa, 1961 1/

District	Total Hens and Pullets	Hens and Pullets of Laying Age by Size Groups - As Percent of Total <u>2/</u>					
		Under 400 Layers	400-599 Layers	600-799 Layers	800-1599 Layers	1600 or More Layers	Total
	Thousand	Percent	Percent	Percent	Percent	Percent	Percent
Northwest	3,464	58.5	20.9	8.3	8.7	3.6	100.0
North Central	3,894	44.4	25.1	10.5	12.5	7.5	100.0
Northeast	3,259	57.8	19.2	7.9	8.0	7.1	100.0
West Central	2,576	71.6	13.7	5.5	6.0	3.2	100.0
Central	2,681	60.8	16.9	5.8	8.0	8.5	100.0
East Central	1,704	72.7	13.9	4.8	4.4	4.2	100.0
Southwest	1,190	82.0	9.9	2.9	3.5	1.7	100.0
South Central	982	76.1	9.2	4.0	5.5	5.2	100.0
Southeast	1,093	72.7	10.1	3.1	6.0	8.1	100.0
State	20,843	61.8	17.7	6.9	7.9	5.7	100.0

Hens and pullets of laying age: Total number, percent by flock size groups and by  
crop reporting districts, Iowa, 1962 1/

District	Total Hens and Pullets	Hens and Pullets of Laying Age by Size Groups - As Percent of Total <u>2/</u>					
		Under 400 Layers	400-599 Layers	600-799 Layers	800-1599 Layers	1600 or More Layers	Total
	Thousand	Percent	Percent	Percent	Percent	Percent	Percent
Northwest	3,328	55.8	22.1	8.1	9.1	4.9	100.0
North Central	3,661	42.5	24.9	11.1	13.6	7.9	100.0
Northeast	3,121	55.5	20.1	8.5	8.7	7.2	100.0
West Central	2,550	67.8	16.5	5.3	5.9	4.5	100.0
Central	2,533	58.0	17.5	6.5	8.8	9.2	100.0
East Central	1,629	72.1	14.2	5.1	4.4	4.2	100.0
Southwest	1,173	80.7	10.2	3.6	3.6	1.9	100.0
South Central	944	73.8	10.3	4.4	6.5	5.0	100.0
Southeast	1,013	72.1	11.0	4.0	5.1	7.8	100.0
State	19,952	59.6	18.5	7.3	8.4	6.2	100.0

1/ Hens and pullets of laying age reported on hand the day of enumeration. The "Assessors' Annual Farm Census" is usually taken between January and March of each year.

2/ Number reported in each size group as a percent of the total number of hens and pullets of laying age reported.



Farms with chickens: Number reporting 1/ and percent of all farms, by counties  
Iowa, 1956-60

County and district	Chicken Farms - Number and as Percent of All Farms <u>2/</u>									
	1956		1957		1958		1959		1960	
	Number	Pct.	Number	Pct.	Number	Pct.	Number	Pct.	Number	Pct.
Buena Vista	1,533	77	1,488	76	1,371	70	1,287	67	1,173	61
Cherokee	1,315	75	1,274	73	1,205	69	1,201	69	1,074	63
Clay	1,185	67	1,159	66	1,090	63	1,049	61	872	51
Dickinson	825	74	796	71	743	66	699	64	622	57
Emmet	838	70	808	68	716	61	698	60	596	52
Lyon	1,500	81	1,479	80	1,496	81	1,447	79	1,332	73
O'Brien	1,469	77	1,417	74	1,357	72	1,312	70	1,164	63
Osceola	1,043	82	1,017	80	963	76	931	74	883	71
Palo Alto	1,239	70	1,210	68	1,127	64	1,095	64	987	58
Plymouth	2,052	76	1,988	74	1,890	71	1,929	73	1,689	65
Pocahontas	1,430	74	1,408	76	1,341	72	1,339	73	1,161	63
Sioux	2,259	80	2,147	76	2,159	77	2,088	75	1,879	68
Northwest Dist.	16,688	75	16,191	74	15,458	71	15,075	70	13,432	63
Butler	1,687	81	1,675	82	1,575	77	1,519	75	1,408	70
Cerro Gordo	1,321	69	1,269	67	1,139	61	1,124	61	996	55
Floyd	1,226	67	1,208	67	1,158	65	1,075	61	938	54
Franklin	1,613	79	1,552	76	1,508	74	1,374	69	1,253	63
Hancock	1,548	80	1,492	79	1,459	77	1,411	75	1,327	72
Humboldt	1,017	72	1,007	72	902	65	857	63	767	57
Kossuth	2,383	78	2,370	78	2,242	74	2,136	71	1,963	66
Mitchell	1,179	72	1,061	66	1,049	66	968	61	886	56
Winnebago	1,162	74	1,141	74	1,088	71	1,030	68	899	60
Worth	1,128	78	1,091	75	1,028	71	947	67	897	64
Wright	1,358	71	1,358	71	1,257	66	1,191	63	1,049	56
North Central Dist.	15,622	75	15,224	74	14,405	70	13,632	67	12,383	62
Allamakee	1,406	73	1,303	68	1,249	66	1,153	61	1,034	55
Black Hawk	1,385	63	1,330	61	1,215	57	1,147	54	965	47
Bremer	1,577	81	1,503	78	1,455	75	1,402	73	1,276	67
Buchanan	1,619	71	1,548	69	1,444	64	1,379	61	1,239	55
Chickasaw	1,494	79	1,464	78	1,419	76	1,334	72	1,229	67
Clayton	2,075	76	1,995	73	1,966	72	1,835	68	1,615	60
Delaware	1,746	80	1,701	78	1,669	77	1,600	74	1,480	69
Dubuque	1,661	79	1,608	77	1,518	73	1,424	69	1,291	62
Fayette	2,145	76	2,042	73	1,916	68	1,698	61	1,561	56
Howard	1,331	81	1,282	80	1,210	76	1,134	71	1,070	68
Winneshek	2,049	78	1,992	77	1,865	72	1,787	69	1,645	64
Northeast Dist.	18,488	76	17,768	74	16,926	70	15,893	66	14,405	61
Audubon	1,338	81	1,319	81	1,230	77	1,190	75	1,114	71
Calhoun	1,254	67	1,185	64	1,070	59	1,020	58	867	50
Carroll	1,568	77	1,550	77	1,469	74	1,421	72	1,326	68
Crawford	1,924	82	1,833	78	1,766	76	1,691	74	1,555	69
Greene	1,339	76	1,232	70	1,181	69	1,086	64	826	50
Guthrie	1,518	74	1,442	72	1,318	66	1,257	64	1,119	58
Harrison	1,516	70	1,359	63	1,262	60	1,187	57	1,054	51
Ida	1,067	79	1,039	79	1,005	76	987	75	896	69
Monona	1,199	67	1,151	65	1,000	57	948	55	727	43
Sac	1,468	78	1,432	77	1,336	72	1,302	71	1,158	64
Shelby	1,552	78	1,603	81	1,573	80	1,479	76	1,409	73
Woodbury	1,807	64	1,724	61	1,560	56	1,456	53	1,304	48
West Central Dist.	17,550	74	16,869	72	15,770	68	15,024	65	13,355	59
Boone	1,527	71	1,442	68	1,330	63	1,202	57	1,100	54
Dallas	1,219	59	1,155	57	997	50	982	50	647	34
Grundy	1,375	79	1,333	77	1,248	72	1,205	70	1,106	65
Hamilton	1,373	66	1,311	63	1,243	60	1,174	57	1,020	51
Hardin	1,584	76	1,527	74	1,428	70	1,362	67	1,191	59
Jasper	1,838	70	1,780	68	1,671	65	1,595	62	1,379	54
Marshall	1,440	70	1,358	67	1,220	60	1,129	56	995	49
Polk	1,178	54	1,094	51	904	43	759	37	707	35

Continued



Farms with chickens: Number reporting <sup>1/</sup> and percent of all farms, by counties  
Iowa, 1956-60

County and district	Chicken Farms - Number and as Percent of All Farms <sup>2/</sup>									
	1956		1957		1958		1959		1960	
	Number	Pct.	Number	Pct.	Number	Pct.	Number	Pct.	Number	Pct.
Poweshiek	1,404	70	1,343	68	1,258	64	1,243	63	1,113	57
Story	1,349	66	1,288	64	1,152	57	1,102	55	937	47
Tama	1,907	75	1,796	73	1,757	72	1,717	70	1,557	64
Webster	1,568	65	1,506	63	1,326	56	1,251	54	1,010	44
Central Dist.	17,762	68	16,933	66	15,534	61	14,721	58	12,762	51
Benton	1,726	74	1,673	72	1,636	70	1,556	67	1,418	61
Cedar	1,348	64	1,365	64	1,265	60	1,184	57	1,037	50
Clinton	1,777	70	1,718	67	1,588	63	1,404	55	1,226	48
Iowa	1,340	69	1,274	66	1,165	60	1,111	59	1,002	53
Jackson	1,412	70	1,363	68	1,234	62	1,166	59	986	50
Johnson	1,555	69	1,483	67	1,357	61	1,262	57	1,100	51
Jones	1,475	72	1,446	71	1,378	68	1,286	64	1,165	58
Linn	2,037	64	1,962	63	1,808	59	1,661	55	1,421	48
Muscatine	847	52	823	51	701	44	613	39	399	26
Scott	1,262	63	1,133	57	944	48	861	45	749	40
East Central Dist.	14,779	67	14,240	65	13,076	60	12,104	56	10,503	49
Adair	1,428	74	1,365	72	1,333	71	1,237	66	1,145	62
Adams	1,024	76	926	70	881	66	854	65	810	62
Cass	1,460	78	1,373	74	1,300	70	1,248	68	1,116	62
Fremont	777	57	733	55	621	47	630	49	561	44
Mills	771	65	731	62	599	51	596	51	527	46
Montgomery	1,048	75	1,014	73	922	67	895	65	773	57
Page	1,417	79	1,335	75	1,256	71	1,133	66	1,027	61
Pottawattamie	2,006	63	2,031	65	1,930	63	1,814	60	1,682	56
Taylor	1,401	76	1,291	71	1,234	68	1,143	64	1,080	62
Southwest Dist.	11,332	71	10,799	69	10,076	65	9,550	62	8,721	58
Appanoose	1,119	67	977	59	981	60	943	58	727	45
Clarke	877	69	845	66	763	60	701	56	641	52
Decatur	1,077	68	988	62	892	57	796	52	748	50
Lucas	947	71	903	68	791	60	761	58	675	52
Madison	1,212	65	1,099	59	1,011	55	939	52	852	47
Marion	1,488	71	1,381	66	1,277	62	1,219	60	1,041	52
Monroe	912	68	865	66	787	60	723	56	650	51
Ringgold	1,073	70	1,055	69	954	63	882	59	761	52
Union	921	67	865	64	824	61	786	59	713	54
Warren	1,193	60	1,073	55	940	49	935	49	767	41
Wayne	1,140	71	1,055	70	962	64	902	61	795	55
South Central Dist.	11,959	68	11,106	64	10,182	59	9,587	56	8,370	50
Davis	1,206	74	1,131	70	1,081	68	1,050	66	867	55
Des Moines	801	55	775	53	693	47	603	41	538	37
Henry	963	57	892	54	801	49	742	46	619	38
Jefferson	1,056	66	963	61	920	58	847	54	743	48
Keokuk	1,448	67	1,382	66	1,269	61	1,234	59	1,111	54
Lee	1,075	59	1,017	55	911	49	882	48	791	43
Louisa	741	62	683	57	632	54	606	52	582	51
Mahaska	1,640	69	1,545	65	1,351	58	1,257	54	1,179	52
Van Buren	964	62	924	60	833	55	774	52	706	47
Wapello	1,128	60	1,053	57	940	51	870	48	689	38
Washington	1,374	67	1,218	60	1,098	55	1,051	53	872	45
Southeast Dist.	12,396	64	11,583	60	10,529	55	9,916	52	8,697	46
State	136,576	71	130,713	69	121,956	65	115,502	62	102,628	56

<sup>1/</sup> A farm with chickens is defined as a farm reporting either or both of the following items in the "Assessors' Annual Farm Census": Chickens of all kinds raised the preceding year (includes baby chicks bought and raised for all purposes but none that were sold as baby chicks) and/or hens and pullets of laying age on hand the day enumeration is made.

<sup>2/</sup> Number of farms reporting chickens as percent of total number of farms.



Farms with chickens: Number reporting and percent of all farms, by counties, Iowa  
1961 and 1962 1/

County and District	Chicken Farms - Number and as Percent of All Farms <u>2/</u>			
	1961		1962	
	Number	Pct.	Number	Pct.
Buena Vista	1,119	60	991	54
Cherokee	940	56	904	55
Clay	806	49	717	45
Dickinson	587	56	543	52
Emmet	585	51	527	47
Lyon	1,296	72	1,178	67
O'Brien	1,158	64	1,097	61
Osceola	858	70	778	65
Palo Alto	915	55	850	53
Plymouth	1,589	62	1,501	59
Pocahontas	1,080	61	977	56
Sioux	1,774	65	1,650	62
Northwest Dist.	12,707	61	11,713	57
Butler	1,315	66	1,245	63
Cerro Gordo	914	52	835	48
Floyd	822	48	699	42
Franklin	1,199	62	1,089	57
Hancock	1,244	69	1,170	66
Humboldt	735	57	636	50
Kossuth	1,828	62	1,683	58
Mitchell	878	57	824	55
Winnebago	861	59	812	56
Worth	880	65	764	57
Wright	991	55	878	49
North Central Dist.	11,667	59	10,635	55
Allamakee	971	53	881	49
Black Hawk	904	44	875	44
Bremer	1,190	63	1,065	58
Buchanan	1,090	50	975	46
Chickasaw	1,164	64	1,084	61
Clayton	1,469	55	1,363	52
Delaware	1,396	66	1,311	63
Dubuque	1,232	60	1,143	56
Fayette	1,397	51	1,312	49
Howard	980	63	923	60
Winneshiek	1,544	61	1,444	58
Northeast Dist.	13,337	57	12,376	54
Audubon	1,037	68	1,014	67
Calhoun	930	55	821	50
Carroll	1,273	67	1,206	64
Crawford	1,446	66	1,369	63
Greene	818	51	715	46
Guthrie	1,063	57	1,028	56
Harrison	956	48	901	46
Ida	876	69	843	67
Monona	659	40	627	39
Sac	1,110	63	1,062	61
Shelby	1,337	71	1,265	68
Woodbury	1,174	44	1,107	42
West Central Dist.	12,679	58	11,958	55
Boone	1,022	51	918	47
Dallas	680	37	502	27
Grundy	1,055	63	1,001	61
Hamilton	968	49	837	44
Hardin	1,107	57	994	52
Jasper	1,305	53	1,155	48

County and District	Chicken Farms - Number and as Percent of All Farms <u>2/</u>			
	1961		1962	
	Number	Pct.	Number	Pct.
Marshall	936	47	847	44
Polk	630	33	541	28
Poweshiek	1,050	55	991	53
Story	865	44	735	38
Tama	1,504	63	1,440	61
Webster	890	40	769	35
Central Dist.	12,012	50	10,730	45
Benton	1,352	60	1,247	56
Cedar	1,045	51	986	49
Clinton	1,147	46	1,150	47
Iowa	935	51	898	50
Jackson	895	47	818	43
Johnson	1,009	47	886	43
Jones	1,090	55	914	47
Linn	1,338	46	1,278	44
Muscatine	532	35	553	38
Scott	748	41	707	40
East Central Dist.	10,091	48	9,437	46
Adair	1,106	62	1,059	61
Adams	731	58	686	56
Cass	1,051	60	968	57
Fremont	440	36	380	32
Mills	556	49	499	46
Montgomery	759	58	705	56
Page	986	59	913	57
Pottawattamie	1,511	52	1,383	48
Taylor	956	56	911	55
Southeast Dist.	8,096	55	7,504	52
Appanoose	678	43	604	39
Clarke	518	43	468	39
Decatur	691	47	685	48
Lucas	621	49	571	45
Madison	821	47	637	38
Marion	942	49	917	49
Monroe	579	46	518	43
Ringgold	662	47	691	51
Union	633	50	606	50
Warren	644	35	675	38
Wayne	701	50	630	45
South Central Dist.	7,490	46	7,002	44
Davis	809	53	772	51
Des Moines	448	32	423	31
Henry	528	34	468	30
Jefferson	702	46	600	41
Keokuk	983	49	934	48
Lee	718	40	708	40
Louisa	489	44	413	38
Mahaska	1,094	49	990	45
Van Buren	629	44	590	42
Wapello	665	37	695	40
Washington	870	46	829	45
Southeast Dist.	7,935	43	7,422	41
State	96,014	53	88,777	50

1/ A farm with chickens is defined as a farm reporting either or both of the following items in the "Assessors' Annual Farm Census": Chickens of all kinds raised the preceding year (includes baby chicks bought and raised for all purposes but none that were sold as baby chicks) and/or hens and pullets of laying age on hand the day enumeration is made.

2/ Number of farms reporting chickens as percent of total number of farms.



- I N D E X -

	Page
Baby Chick Production .....	10-13
Chickens	
Production, Disposition and Value .....	14-16
County Data .....	13, 18-27, 32-34
Farms Reporting and Selected Size Grouping .....	2-3, 28-34
Number on Farms .....	4-8
Crop Reporting Districts .....	Inside Front Cover
Eggs	
Production, Disposition and Value .....	14-15
County Data .....	18-27
Rate of Lay and Production .....	4-10
Introduction .....	1-2
Ranking of Selected States .....	15-17





3 1723 02106 6238