
STATISTICS.

1898.

ABSTRACT [A]—SCHOOL

Table with columns: DISTRICTS., SCHOOLS., TEACHERS., and COUNTRIES. Sub-columns include School townships, Independent districts, Number of sub-districts, Ungraded, Rooms in graded, Av. duration in months, Number employed (Males, Females), and Av monthly compensation (Males, Females).

*Average.

REPORTS FOR 1898—CONTINUED. STATISTICS.

Table with columns: PUPILS., SCHOOLHOUSES, and GENERAL. Sub-columns include PUPILS. (Males, Females, Enrolled in public schools, Total average attendance, Av. tuition per mo. per pupil), SCHOOLHOUSES (Number, Value), and GENERAL (Value of apparatus, Volumes in libraries, Trees in thrifty condition on schoolhouse sites, Schoolrooms in which effects of which narcotics are taught).

ABSTRACT [B]—REPORTS FOR 1898.

SCHOOL FINANCES.

Table with columns for COUNTIES, DEBIT (On hand at last report, Received from district tax, Received from semi-annual apportionment, Received from other sources), Total debit or credit, CREDIT (Paid teachers, Paid for other purposes, On hand).

ABSTRACT [B]—REPORTS FOR 1898—CONTINUED.

SCHOOL FINANCES.

Table with columns for COUNTIES, DEBIT (On hand at last report, Received from district tax, Received from semi-annual apportionment, Received from other sources), TEACHERS' FUND (Total debit or credit, Paid teacher, Paid for other purposes, On hand), CREDIT (Paid teacher, Paid for other purposes, On hand).

ABSTRACT [B]—

SCHOOL

SCHOOLHOUSE FUND.

Table for Schoolhouse Fund showing financial data for various counties (Adair, Adams, Allamakee, Appanoose, Audubon, Benton, Black Hawk, Boone, Bremer, Buchanan, Buena Vista, Butler, Calhoun, Carroll, Cass, Cedar, Cerro Gordo, Cherokee, Chickasaw, Clarke, Clay, Clayton, Crawford, Dallas, Davis, Decatur, Delaware, Des Moines, Dickinson, Dubuque, Emmet, Fayette, Floyd, Franklin, Fremont, Greene, Grundy, Guthrie, Hamilton, Hancock, Hardin, Harrison, Henry, Howard, Humboldt, Ida, Iowa, Jackson, Jasper) under Debit and Credit columns.

REPORTS FOR 1898—CONTINUED.

FINANCES.

CONTINGENT FUND.

Table for Contingent Fund showing financial data for various counties (Adair, Adams, Allamakee, Appanoose, Audubon, Benton, Black Hawk, Boone, Bremer, Buchanan, Buena Vista, Butler, Calhoun, Carroll, Cass, Cedar, Cerro Gordo, Cherokee, Chickasaw, Clarke, Clay, Clayton, Crawford, Dallas, Davis, Decatur, Delaware, Des Moines, Dickinson, Dubuque, Emmet, Fayette, Floyd, Franklin, Fremont, Greene, Grundy, Guthrie, Hamilton, Hancock, Hardin, Harrison, Henry, Howard, Humboldt, Ida, Iowa, Jackson, Jasper) under Debit and Credit columns.

ABSTRACT [C]-
EXAMINATION

Table with columns for Counties, 1st grade certificates issued, 2d grade certificates issued, 3d grade certificates issued, Special certificates issued, and Kind of grade certificates issued. Sub-columns include Males and Females for each category.

REPORTS FOR 1898
OF TEACHERS.

Table with columns for Total number issued, Applicants rejected, Applicants examined, Different persons licensed, A.v. age of applicants, No experience in teaching, Taught less than one year, and Holding certificates or diplomas. Sub-columns include Males and Females for each category.

ABSTRACT [E]-

TEACHERS'

COUNTIES.	WHERE HELD.	SESSIONS.			TEACHERS IN ATTENDANCE.				
		Commencing.	Cont'g weeks.	Number daily	Males.	Females.	Total.	Graduates.	
Jefferson	Fairfield	July	25	1	32	166	198	7	
Johnson	Iowa City	July	18	1	38	223	251	1	
Jones	Anamosa	June	20	1	33	168	191	1	
Keokuk	Siourney	August	1	12	67	210	277	15	
Kossuth	Algona	August	15	12	38	219	257	1	
Lee	Keokuk	August	8	3	13	125	138	1	
Linn	Marion and Cedar Rapids	August	15	47	47	418	465	1	
Louis	Wapello	August	1	38	93	131	131	1	
Lucas	Chariton	July	25	1	13	147	160	5	
Lyon	Rock Rapids	June	20	28	28	128	156	1	
Madison	Winterset	August	1	12	44	177	231	11	
Mahaska	Oskaloosa	July	25	34	220	254	341	1	
Marion	Knoxville	July	18	29	189	218	218	13	
Marshall	Marshalltown	August	15	39	229	225	305	1	
Mills	Glenwood	June	20	1	25	100	125	1	
Mitchell	Osage	July	5	25	144	169	169	1	
Monona	Onawa	August	1	20	204	224	224	1	
Monroe	Albia	July	25	28	145	173	173	4	
Montgomery	Red Oak	July	23	39	121	160	160	1	
Muscatine	Muscatine	August	22	12	23	200	223	1	
O'Brien	Pringhar	August	15	12	30	160	190	1	
Osceola	Sibley	March	18	12	26	102	128	1	
Page	Shenandoah	August	1	12	49	211	280	1	
Palo Alto	Emmetsburg	August	15	29	132	151	151	1	
Plymouth	Le Mars	June	20	39	214	253	253	1	
Pocahontas	Pocahontas	August	15	28	102	130	130	1	
Polk	Des Moines	August	15	6	69	403	472	1	
Pottawattamie	Council Bluffs	June	27	3	27	816	343	1	
Poweshiek	Montezuma	July	5	3	19	129	148	1	
Ringgold	Mt. Ayr	July	5	2	1	38	122	100	
Sac	Sac City	August	8	12	20	173	193	1	
Scott	Davenport	July	11	57	290	317	374	1	
Shelby	Harlan	August	1	49	147	196	196	1	
Sioux	Sioux	August	1	31	133	194	194	1	
Story	Nevada	August	1	42	198	238	238	4	
Tama	Toledo	July	11	130	27	31	274	305	5
Taylor	Bedford	July	11	28	143	171	171	1	
Union	Afton	August	1	2	122	155	177	4	
Van Buren	Keosauqua	July	25	3	1	51	123	174	
Wapello	Ottumwa	August	8	3	1	38	204	240	4
Warren	Indianola	August	8	52	215	267	31	31	
Washington	Washington	July	11	32	191	223	223	10	
Wayne	Corydon	August	15	1	41	168	209	1	
Webster	Pt. Dodge	July	25	20	265	283	353	1	
Winnebago	Forest City	August	22	23	73	98	98	1	
Winneshiek	Decorah	March	28	33	158	191	191	1	
Woodbury	StouxCity and Smithland	August	1	40	859	359	1	1	
Worth	Northwood	August	15	24	97	121	121	1	
Wright	Clarion	August	8	13	176	189	189	1	
Totals			23	3	3114	17670	20784	227	

* Another institute. † Average time.

REPORTS FOR 1898—CONTINUED.
NORMAL INSTITUTES.

INSTITUTE FUND.										
On hand at last report.	RECEIPTS.					EXPENDITURES.				
	Examina- tion fees.	Registra- tion fees.	State appro- priation.	County ap- propriation and sundries.	Total.	Instruction and lec- tures.	Incidentals.	Unexpended.		
\$ 372 96	\$ 233 432	\$ 198 251	\$ 50 50	\$ 174 68	\$ 853 96	\$ 510 00	\$ 56 50	\$ 287 46		
139 33	304	191	50	535 00	927 68	889 68	38 00	48 33		
138 50	503 396	277 357	50 50	41 61	871 61	746 50	125 11	137 30		
523 70	423 138	465 50	1 00	934 70	603 00	84 18	245 52			
55 394	465 50	1487 94	2397 49	768 20	313 64	1317 65	19 00			
54 63	197 131	42 25	474 88	436 88	19 00	19 00	10 00			
261 74	277 160	60	748 74	380 00	101 40	267 34	56 43			
17 43	268 156	50	491 43	425 00	10 00	56 43	286 88			
406 07	361 341	221 254	50 79 07	1038 07	545 02	208 88	284 17			
151 17	306 218	50	724 80	630 00	94 80	115 37	406 80			
358 79	539 310	265 50	1212 79	749 00	56 99	406 80	51 96			
59 15	279 169	50	493 00	400 25	31 79	51 96	59 05			
408 76	254 224	50	557 15	370 00	128 10	59 05	440 01			
73 64	250 173	50	548 54	492 00	47 00	7 54	147 86			
147 86	276 160	50	633 86	469 52	26 00	138 34	84 90			
84 90	223 190	50	572 90	481 00	72 99	88 91	108 40			
108 40	287 190	50	635 40	490 00	41 60	103 80	20 12			
20 12	156 128	50 55 00	409 12	315 00	37 75	56 37	10 17			
10 17	398 260	50 101 83	820 00	685 75	134 25	145 28	223 91			
223 91	243 161	50	679 91	419 75	114 88	145 28	73 46			
122 50	355 233	50	780 50	580 93	125 50	74 05	158 06			
73 46	287 130	50	540 46	465 00	46 85	29 11	807 472			
158 06	807 472	50 556 99	2044 05	1506 30	278 70	259 05	171 80			
171 80	650 343	50	1214 80	683 30	100 35	431 15	317 148			
20 00	317 148	50	535 90	430 00	30 00	85 60	160 5			
160 5	244 160	50	470 05	393 00	43 10	33 95	75 65			
75 65	396 193	50	684 65	508 35	51 50	124 80	317 374			
290 27	317 50	50	1040 27	596 25	75 29	89 73	273 90			
273 90	358 196	50 8 00	886 90	544 50	178 90	162 50	184 5			
39 55	412 194	50 250 00	945 55	684 50	114 40	146 65	339 71			
339 71	345 238	50	972 71	435 60	81 25	456 46	130 27			
130 27	430 305	50	905 27	750 00	118 50	86 77	386 75			
386 75	284 171	50	891 75	541 00	105 55	245 20	306 77			
306 77	296 177	50	932 77	432 00	28 85	371 92	142 87			
142 87	271 174	50	657 87	496 65	66 25	74 97	329 240			
329 240	240 50	50	953 48	630 00	16 40	397 08	175 53			
175 53	292 267	50	794 53	565 00	163 77	55 78	412 88			
412 88	353 233	50	1048 88	619 00	56 15	373 73	226 30			
226 30	245 209	50	760 30	585 00	41 50	133 80	365 283			
159 62	365 283	50	857 62	639 79	140 40	77 43	147 98			
215 52	147 98	50	295 00	250 00	45 00	45 00	215 52			
90 92	353 191	50	690 52	433 20	65 35	101 97	323 199			
323 199	121 50	50	862 92	704 75	112 82	45 35	64 45			
64 45	169 121	50	405 45	242 00	6 19	156 26	307 189			
307 189	50 23 20	50	669 20	455 00	104 45	9 75	\$ 19987 93			
\$ 19987 93	\$ 81543	\$ 20784	\$ 4950	\$ 3657 98	\$ 74922 91	\$ 51640 21	\$ 8259 85	\$ 15014 05		

ABSTRACT [E]—CONTINUED.

(Lack of room on these two pages compelled the omission of a few names.)

COUNTIES.	CONDUCTOR.	INSTRUCTORS.
Adair.....	A. A. Taylor.....	J. J. McConnell, Adam Pickett, C. C. Smith, F. E. Palmer, Carrie V. Lyon.
Adams.....	Ira P. Clark.....	Martha Stahl, Maude Humphrey, G. Riggle.
Allamakee.....	J. F. Smith.....	J. B. Knoepfler, M. F. Arey, G. E. Finch, Alice C. Wilson, L. L. Lightcap.
Appanoose.....	E. W. Adamson.....	H. E. Seerley, H. H. Hollingsworth, F. E. King, J. W. Shively.
Audubon.....	E. L. Essley.....	C. W. Johnson, P. B. Woods, A. M. Gray, F. P. Hocker.
Benton.....	S. B. Montgomery.....	J. E. Stout, H. C. Waddie, Verna T. Young.
Black Hawk.....	W. W. Brittain.....	S. H. Sheakley, O. J. Laylander, H. B. Lizer.
Boone.....	B. P. Holst.....	W. O. Van Ness, G. I. Miller, J. H. Beveridge.
Bremer.....	E. E. Blanchard.....	A. T. Hukill, J. K. Stevenson, J. W. Dickinson, Villa Rooley.
Buchanan.....	E. C. Lillie.....	S. Y. Gillan, O. J. Laylander, T. J. Durant, Emilie Seitzer.
Buena Vista.....	J. E. Durkee.....	C. K. Dakes, Louisa, Walz, T. B. Morris, J. L. Zwickey, H. E. Crosby.
Butler.....	H. B. Akin.....	C. P. Colgrove, J. P. Mitchell, F. E. Howard, W. F. Carr, J. P. Huggett.
Calhoun.....	R. W. Murphy.....	D. K. Bond, L. C. Ross, Emma H. Weddel.
Carroll.....	J. J. McMahon.....	C. C. Magee, J. H. Beveridge, Lucie C. Maley.
Cass.....	A. J. Burton.....	W. Wilcox, O. J. Laylander, W. C. Moyer, Florence Carter, Ellen Austin.
Cedar.....	J. W. Marker.....	W. Wilcox, J. H. Morgan, W. L. Etter, M. D. Korinke.
Cerro Gordo.....	Emogene Brown.....	A. R. Sale, J. D. Stout, Mary R. Davis, F. J. Kuppinger.
Cherokee.....	H. H. Seerley.....	G. W. Sampson, A. V. Storm, W. N. Clifford, Christina Benson, Mrs. E. D. Burke.
Chickasaw.....	J. A. Bishop.....	F. J. Sessions, D. A. Thornburg, C. E. Fleming, Della Conley.
Clarke.....	I. N. Beard.....	W. F. Chevalier, Sara F. Rice, Susie Stivers.
Clay.....	W. G. Ray.....	C. C. Carstens, C. E. Locke, Lida Lottridge.
Clayton.....	Sumner Miller.....	W. A. Grunberry, Hattie M. Mitchell, J. H. Dahna, L. T. Ward, J. E. Webb.
Clinton.....	G. U. Gordon.....	C. A. McMurray, G. W. Sampson, Miss M. A. Holton, Miss E. White, Miss A. Rogers.
Crawford.....	W. C. Van Ness.....	B. P. Holst, B. T. Hess, J. H. Holmes, H. V. Fallor, Alice O. Wilson.
Dallas.....	A. C. Hutchins.....	W. Tarr, L. A. Blezek, W. H. Monroe, A. G. Smith, Carrie Forgrave.
Davis.....	C. W. Martindale.....	J. B. Knoepfler, W. F. Howe, Will Fortune.
Decatur.....	R. A. Harkness.....	I. N. Beard, S. L. Darrab, T. J. Kelley, J. L. Latta.
Delaware.....	L. T. Eaton.....	W. B. Guthrie, Ella Freeman, H. E. Wright, E. W. Wood.
Des Moines.....	M. B. Shaw.....	J. F. Riggs, C. E. Hodges, Marian S. Todd, O. M. Harrold, Anna S. Logan, Josephine Burd, J. A. White.
Dickinson.....	H. A. Welty.....	G. D. Thompson, L. B. Moffett, Lucy E. Spicer.
Dubuque.....	F. P. Kress.....	W. B. Guthrie, T. M. Irish, L. L. Lightcap, F. T. Oldt.
Emmet.....	H. H. Davidson.....	W. F. Cramer, G. N. Sabin, C. C. Stever, Inez Meyers.
Fayette.....	F. H. Bloodgood.....	G. Chandler, C. P. Colgrove, F. E. Finch.
Floyd.....	J. I. Martin.....	J. F. Hirsch, D. A. Thornburg, H. A. Dwelle, T. E. Ainsie, J. C. Sanders, J. M. Davis.
Franklin.....	Emily Reeve.....	W. D. Wally, W. Wilcox, G. A. Bateman, Ella Z. Huffman.
Fremont.....	Lee Notson.....	J. C. King, O. H. Marsh, H. E. Wheeler, S. E. Notson, Lucilla Crowder, J. S. Estes.
Greene.....	L. B. Carlisle.....	C. C. Rounds, Mrs. E. B. Wilson, J. J. McConnell, G. D. Thompson.
Grundy.....	J. E. Stout.....	H. C. Waddie, J. L. Mishler, W. W. Bodwell.
Guthrie.....	C. M. Young.....	A. W. Rich, J. J. McConnell, A. Pickett.
Hamilton.....	W. F. Cole.....	J. J. Doffmeyer, T. H. Stone, Clara R. Bamber, Anna Pringle, A. Emslie, A. R. Gardiner.
Hancock.....	B. E. McClelland.....	G. F. Harrison, A. M. Deyros, J. T. Doderer.
Hardin.....	C. F. Woodward.....	E. W. Walker, M. H. Bloomfield, W. H. Smith.
Harrison.....	W. T. Arthur.....	A. B. Warner, J. M. Rapp, M. A. Reed, M. L. Dakin, W. Guyton, Eva Davidson.
Henry.....	Ed. L. Roth.....	J. F. Riggs, L. Antrim, F. O. Demorest, Mrs. A. L. Shattuck, Stella Satherswait.
Howard.....	F. H. Bloodgood.....	G. Chandler, L. E. A. Ling, Anna Ziek.
Humboldt.....	O. S. Ophelm.....	C. Messer, A. Cromwell, A. Fulton, M. Miller, Clara Bicknell.
Ia.....	A. W. Rich.....	E. N. Coleman, Christine Benson, T. B. Hutton.
Iowa.....	Isaac Loos.....	C. P. Colgrove, C. H. Carlson, A. E. Fleming.
Jackson.....	A. F. Resney.....	Mara H. Pratt, E. A. W. Willis, E. B. Blanchard.
Jasper.....	E. C. Meredith.....	E. J. N. Beard, D. M. Kelly, J. E. Witmer, J. M. Martindale, S. G. Richards, Cora M. Patten.

ABSTRACT [E]—CONTINUED.

COUNTIES.	CONDUCTOR.	INSTRUCTORS.
Jefferson.....	R. A. Harkness.....	William Wilcox, S. Laura Ensign, Carrie F. Bartlett.
Johnson.....	W. A. Willis.....	W. F. Cramer, S. J. Boller, Eugene Herley.
Jones.....	T. J. Cowan.....	D. M. Kelly, W. N. Clifford, J. A. James, F. H. Bloodgood, A. Palmer, Josephine Chapman.
Keokuk.....	H. H. Seerley.....	A. L. Shattuck and wife, E. H. Griffin, S. A. Potts.
Kossuth.....	F. Van Erdewyk.....	F. L. Sessions, J. J. McMahon, N. Spencer, S. S. F. Van Erdewyk.
Lee.....	O. W. Weyer.....	C. W. Crukshank, W. E. Hensen. [Emma Estes, Stockwell, Ruth Van Hosen.]
Linn.....	H. E. Freer.....	H. E. Sabie, E. E. White, J. T. Merrill, J. J. Doffmeyer, Anna H. McGovern.
Louisia.....	C. M. Donaldson.....	A. M. W. Dorson, J. W. Cradler, D. R. Michener, L. G. Focht, Laurie Doolittle.
Lucas.....	C. F. Goltry.....	I. C. King, S. M. Cart, E. S. Wells, Carrie E. Allen.
Lyon.....	W. S. Wilson.....	J. A. Lapham, Julia Scurry, A. W. Grisell.
Madison.....	G. W. Sampson.....	W. N. Clifford, Annie E. McGovern, Bruce Francis.
Mahaska.....	C. A. Kent.....	W. J. Black, C. P. Colgrove, G. S. Dick, E. M. Ridley.
Marion.....	R. J. Finley.....	W. W. Cook, P. B. Woods, B. P. Holst, Carolyn Harris.
Marshall.....	J. Morrissey.....	F. E. Willard, C. O. Carsons, Julia Scurry, Lillian Shorthill, A. E. Parsons, Milton, W. E. Kline.
Mills.....	W. H. Marsh.....	H. W. Sawyer, J. C. King, J. L. Laird, E. H. Ham.
Monroe.....	O. H. Salsbery.....	Chandler, W. W. Gist, F. H. Bloodgood.
Monona.....	F. E. Lark.....	Mrs. L. D. Jenkins, H. H. Hahn, G. L. Weaver.
Monroe.....	H. C. Hollingsworth.....	Helen Elliott, Lura Phillips, F. E. King.
Montgomery.....	Emma C. Moulton.....	W. F. Chevalier, I. S. Condit, A. M. Newsens, Edith M. Buck, Julia Rogers, Helen M. Stone.
Muscataine.....	J. A. Townsley.....	W. W. Parsons, S. Plumly, R. W. Leverful, F. M. Witter, J. R. Bowman, P. A. McMillen, L. T. Hill.
O'Brien.....	Ella Seckerson.....	A. V. Storm, Clara Klinefelter, A. B. Daniel, W. S. Wilson, W. I. Simpson.
Oscola.....	F. S. Redmond.....	F. J. Sessions, Mrs. J. F. Mitchell, W. S. Wilson.
Page.....	H. E. Deater.....	E. E. Blanchard, Clara Bicknell, O. E. Smith, H. Sabin, Mrs. E. D. Burke, H. Simons.
Palo Alto.....	Anna Donovan.....	H. E. Blackmar, H. E. Wheeler, G. W. Young, Mame Beiseker, Harriet Stephens.
Plymouth.....	J. S. Shoup.....	M. N. Coleman, G. W. Young, E. A. Brown.
Pocahontas.....	A. W. Davis.....	G. E. Finch, W. W. Davis, D. K. Bond, N. S. Vance, Harriet M. Green, A. T. Rutledge.
Folk.....	F. B. Cooper.....	H. M. Bell, Maude Summers, J. F. Mitchell, W. N. Clifford, W. O. Riddell, H. Sabin, G. Scott.
Pottawattawie.....	H. W. Sawyer.....	E. E. White, C. O. Rounds, J. S. Shoup, O. H. Marsh, J. Peasley, J. W. Laird, M. E. Crozier.
Poweshiek.....	Viola H. Schell.....	G. W. Cowden, Bruce Francis, Emma Ridley.
Ringold.....	Martha Stahl.....	Mrs. J. C. Hisey, J. H. Richardson, Mattie Stearns.
Sac.....	J. W. Jackson.....	H. M. Bell, Eva L. Gregg, J. H. Hamilton, C. E. Shallop, W. M. Stevens.
Scott.....	A. A. Miller.....	W. C. Mowry, C. C. Rounds, A. B. Warner.
Shelby.....	W. O. Riddell.....	A. W. Merrill, H. A. Ktancy, H. P. Plum.
Sloox.....	A. V. Storm.....	J. O. Trainer, J. B. Chase, C. H. Brake, J. H. Orcutt.
Story.....	G. W. Phillips.....	L. B. Carlisle, H. G. Lamson, E. D. Y. Culbertson, Anna M. Hutcheon, Anna C. Thompson.
Tama.....	A. L. Speaker.....	J. B. Young, B. A. Sweet, H. O. Bateman, O. M. Elliott, A. E. Parsons, Nora Kelley, L. T. Weld.
Taylor.....	F. E. Crosson.....	W. B. Bead, O. M. Harvey, W. B. Moffat, E. H. Griffin, Lillian Bridgeford. [Holcomb.]
Union.....	O. M. Peters.....	O. E. French, Frank Lester, J. B. Morris, H. B. T. Dick, F. E. Buck, O. W. Weyer, D. Williams.
Van Buren.....	J. D. Stout.....	J. E. Williams, Mrs. J. G. Hisey, Emme Fraser.
Wapello.....	A. W. Stuart.....	W. E. Hamilton, S. M. Cart, J. W. Maxwell, Robertie Wimer, I. S. Condit, H. Sabin.
Warren.....	E. R. Guthrie.....	C. P. Colgrove, W. O. Riddell, W. Radebaugh, Edith Buck, Margarette Davis.
Washington.....	Cornelia Klass.....	G. W. Sampson, A. B. Warner, Carrie F. Bartlett.
Wayne.....	Carrie M. Goodell.....	O. N. Coleman, A. L. Brown, J. F. Monk.
Webster.....	C. V. Findlay.....	G. F. Harrison, Amanda Riddler, J. N. Dalaker.
Winnebago.....	J. D. Stout.....	L. T. Weld, W. D. Wells, Julia Scurry, F. H. Dalaker.
Winneshek.....	C. O. Haugen.....	J. S. Shoup, H. E. Kratz, J. H. O'Donoghue, M. Jenkins, Clara M. Newbecker, J. G. Hobson.
Woodbury.....	E. A. Brown.....	G. Chandler, Alice C. Wilson, A. Lapham.
Worth.....	S. B. Toye.....	W. Radebaugh, Belle McConnell, J. G. Grundy.
Wright.....	G. F. Eldridge.....	

COMPARATIVE SHOWING FOR 1897-8.

From all cities in Iowa of more than 1,500 and less than 3,000 population in 1895. Compiled chiefly from the reports of county superintendents.

STATISTICS OF CITY SYSTEMS.

Cities having 3,000 or more population by the census of 1895.

Table with columns: CITIES, Population - census 1886, Enumeration, 1898, Enrollment, 1897-8, Attendance upon enumeration, Attendance upon enrollment, Paid all teachers in 1897-8, Tuition per month, Assistant teachers, Salary per month, Months taught, PRESENT CITY SUPERINTENDENT, YEAR 1898-9, Salary. Lists cities like Des Moines, Waverly, Knoxville, etc., with their respective statistics.

* Includes other districts.

GRADED SCHOOLS—CONTINUED.

Table with columns: NAMES OF CITIES OR TOWNS, Number months school, Enumeration between 5 and 21 in 1898, Enrolled in school in 1897-8, Average attendance in 1897-8, Average tuition for each scholar in 1897-8, NAME OF SUPERINTENDENT OR PRINCIPAL 1897-8, Annual salary, Number of other teachers, Average salary per month of assistant teachers.

GRADED SCHOOLS—CONTINUED.

Table with columns: NAMES OF CITIES OR TOWNS, Number months school, Enumeration between 5 and 21 in 1898, Enrolled in school in 1897-8, Average attendance in 1897-8, Average tuition for each scholar in 1897-8, NAME OF SUPERINTENDENT OR PRINCIPAL 1897-8, Annual salary, Number of other teachers, Average salary per month of assistant teachers.

* Des Moines P. O.

COUNTY SUPERINTENDENTS—TERM, 1898-1900.

COUNTY.	SUPERINTENDENT.	POSTOFFICE.
Adair	A. A. Taylor	Greenfield.
Adams	L. P. Clark	Corning.
Allamakee	J. F. Smith	Waukon.
Appanoose	E. W. Adamson	Centerville.
Audubon	R. C. Spencer	Audubon.
Benton	A. K. Rife	Vinton.
Black Hawk	W. W. Brittain	Waterloo.
Boone	B. P. Holst	Boonsboro.
Bremer	F. P. Hagemann	Waverly.
Buchanan	E. C. Lillie	Independence.
Buena Vista	J. E. Durkee	Sioux Rapids.
Butler	H. B. Akin	Allison.
Calhoun	R. W. Murphy	Rockwell City.
Carroll	J. J. McMahon	Carroll.
Cass	A. J. Burton	Atlantic.
Cedar	J. W. Marker	Tipton.
Cerro Gordo	Eugene Brown	Mason City.
Cherokee	Agnes J. Robertson	Oberkee.
Chickasaw	J. A. Bishop	New Hampton.
Clarke	Nellie Richards	Oscola.
Clay	Mrs. Ellen Reed	Spencer.
Clayton	Sumner Miller	Guttenberg.
Clinton	G. U. Gordon	Clinton.
Crawford	A. G. Meyers	Denison.
Dallas	A. C. Hatchins	Adel.
Davis	C. W. Huff	Bloomfield.
Decatur	J. E. Cummins	Leon.
Delaware	L. T. Eaton	Manchester.
Des Moines	M. B. Shaw	Burlington.
Dickinson	H. A. Welty	Spirit Lake.
Dubuque	A. P. Kress	Dubuque.
Emmet	H. H. Davidson	Estherville.
Fayette	F. H. Bloodgood	West Union.
Floyd	J. I. Martin	Charles City.
Franklin	Emily Reeve	Hampton.
Fremont	Lee Notson	Sidney.
Greene	W. E. Jenison	Jefferson.
Grundy	J. T. Gray	Grundy Center.
Guthrie	C. M. Young	Guthrie Center.
Hamilton	W. F. Cole	Webster City.
Hancock	C. F. Schell	Garner.
Hardin	C. F. Woodward	Eldora.
Harrison	W. T. Arthur	Logan.
Henry	Ed. L. Roth	Mt. Pleasant.
Howard	F. A. McPherson	Cresco.
Humboldt	O. S. Opheim	Humboldt.
Ida	J. C. Hagler	Ida Grove.
Iowa	T. M. Clevenger	Marengo.
Jackson	A. F. Kearney	Maquoketa.
Jasper	E. C. Meredith	Newton.

COUNTY SUPERINTENDENTS—TERM, 1898-1900—CONT.

COUNTY.	SUPERINTENDENT.	POSTOFFICE.
Jefferson	Laura B. Swan	Fairfield.
Johnson	S. D. Whiting	Iowa City.
Jones	T. J. Cowan	Anamosa.
Keokuk	W. H. Gemmill	Sigourney.
Kossuth	Frank Van Erdewyk	Algona.
Lee	J. S. Stewart	Ft. Madison.
Linn	I. E. Gould	Marion.
Louisa	C. M. Donaldson	Wapello.
Lucas	C. F. Goltry	Chariton.
Lyon	L. A. Dailey	Rock Rapids.
Madison	Ed. M. Smith	Winterset.
Mahaska	C. A. Kent	Oskaloosa.
Marion	W. F. Crew	Knoxville.
Marshall	J. Morrissey	Marshalltown.
Mills	O. E. Marsh	Glenwood.
Mitchell	W. H. Salisbury	Osage.
Monona	F. E. Lark	Onawa.
Monroe	Mrs. F. E. McKillip	Albia.
Montgomery	J. W. Clark	Red Oak.
Muscatine	J. A. Townsley	Muscatine.
O'Brien	Ella Seckerson	Primghar.
Osceola	T. S. Redmond	Sibley.
Page	H. E. Deater	Clarinda.
Palo Alto	Anna Donovan	Emetsburg.
Plymouth	I. C. Hise	LeMars.
Pocahontas	A. W. Davis	Pocahontas.
Polk	J. M. Brenton	Des Moines.
Pottawattamie	H. W. Sawyer	Council Bluffs.
Poweshiek	Viola H. Schell	Montezuma.
Ringgold	J. W. Wilkerson	Mt. Ayr.
Sac	J. W. Jackson	Sac City.
Scott	A. A. Miller	Daytonport.
Shelby	J. B. Shoret	Harlan.
Sioux	E. D. Brown	Orange City.
Story	G. W. Phillips	Nevada.
Tama	A. L. Speaker	Toledo.
Taylor	F. E. Crosson	Bedford.
Union	C. M. Peters	Creston.
Van Buren	A. T. Sollenbarger	Keosauqua.
Wapello	Joseph Parks	Ottumwa.
Warren	Edd R. Guthrie	Indianola.
Washington	Cornelia Klass	Washington.
Wayne	Carrie M. Goodell	Corydon.
Webster	C. V. Findlay	Fort Dodge.
Winnebago	L. C. Brown	Forest City.
Winneshiek	G. O. Haugen	Decorah.
Woodbury	E. A. Brown	Sioux City.
Worth	S. B. Toye	Northwood.
Wright	G. T. Eldridge	Clarion.

STATISTICS.

1899.

ABSTRACT [B]- SCHOOL

REPORTS FOR 1899—CONTINUED. FINANCES.

Table with columns: COUNTRIES, DEBIT (On hand at last report, Received from district tax, Received from other sources), CREDIT (Total debit or credit, Paid for school-houses and sites, Paid on bonds and interest, Paid for library books, Paid for other purposes, On hand).

Table with columns: DEBIT (On hand at last report, Received from district tax, Received from other sources), CREDIT (Total debit or credit, Paid for fuel, lamp repairs, insurance & janitors, Paid secretaries and treasurers, Paid for records and apparatus, Paid for books and dictionaries, Paid for free text-books, Paid for general supplies, Paid for other purposes, On hand).

ABSTRACT [B]-
SCHOOLHOUSE FUND

Table with columns for COUNTY, DEBIT, CREDIT, and various financial items like 'On hand at last report', 'Received from district tax', etc.

REPORTS FOR 1899—CONTINUED.
FINANCES.

Table with columns for DEBIT, CREDIT, and various financial items like 'On hand at last report', 'Received from district tax', etc., under the heading 'CONTINGENT FUND'.

ABSTRACT [D].

VISITATION OF SCHOOLS, APPEALS, ETC., 1899.

Table with 11 columns: COUNTY, Schools visited by county superintendent, Visits made during the year, County associations, Township meetings held, Educational meetings held, Cases decided by county superintendent, Received for official services from Oct. 1, 1898, to Oct. 1, 1899, Colleges and private schools, Teachers employed, Students attending, Number of graduates.

ABSTRACT [D]-CONTINUED.

VISITATION OF SCHOOLS, APPEALS, ETC., 1899.

Table with 13 columns: COUNTY, Schools visited by county superintendent, Visits made during the year, County associations, Township meetings held, Educational meetings held, Cases decided by county superintendent, Received for official services from Oct. 1, 1898, to Oct. 1, 1899, Colleges and private schools, Teachers employed, Students attending, Number of graduates. Includes a Totals row at the bottom.

*Average.

ABSTRACT [D]—CONTINUED.

SUMMARY OF SUPERINTENDENTS' WORK, 1899.

Table with columns: COUNTIES, Schoolrooms, Separate visits to schools, Teachers necessary, Applicants examined, Certificates granted. Lists data for 90 counties and a Totals row.

ABSTRACT [D]—CONTINUED.

SUMMARY CONDITION OF SCHOOLHOUSES, 1899.

Table with columns: COUNTIES, New schoolhouses, Whole number, Good, Fair, Poor, Without suitable and separate outbuildings for each sex, Schoolhouses provided with flags. Lists data for 90 counties and a Totals row.

ABSTRACT [E]- TEACHERS'

Table with columns: COUNTIES, WHERE HELD, SESSIONS (Commencing, Continuing weeks, Number daily), TEACHERS IN ATTENDANCE (Males, Females, Total, Graduates). Rows list various counties like Jefferson, Johnson, Jones, etc., with their respective session dates and attendance figures.

*Another Institute. †Average time.

REPORTS FOR 1889-CONTINUED. NORMAL INSTITUTES.

Table with columns: INSTITUTE FUND, RECEIPTS (On hand at last report, Examination fees, Registration fees, State appropriation, County appropriation and sundries, Total), EXPENDITURES (Instruction and lectures, Incidentals, Unexpended). Rows list financial data for various institutes.

ABSTRACT [E]-CONTINUED.

COUNTIES.	CONDUCTORS.	INSTRUCTORS.
Adair.....	A. A. Taylor.....	F. E. Palmer, Adam Pickett, I. N. Beard, D. R. Earl, O. H. Marsh, Carrie V. Lynn, Katherine McGuire.
Adams.....	Ira P. Clark.....	D. M. Kelly, S. L. Darrab, Fred W. Harman, Eva. R. Danielson, Ida Okey, Grace Beymer.
Allamakee....	J. F. Smith.....	L. T. Weld, J. B. Knoepfer, C. C. Rounds, G. E. Finch, L. Bells, Alice Wilson, Fannie Lapham.
Appanoose....	E. W. Adamson....	H. C. Hollingsworth, F. E. King, C. E. French, P. B. Woods, Jenet Wilson, S. Marlon Becker.
Audubon.....	F. P. Hocker.....	J. H. Beveridge, W. H. Lancelot, P. B. Woods, R. O. Griffin, Max Lundy.
Benton.....	A. K. Rife.....	H. H. Seerley, S. B. McCormick, J. E. Stout, H. C. Wadde, S. B. Montgomery, Mrs. A. L. Shattuck, George Moody.
Black Hawk..	W. W. Brittain..	Anna McGovern, F. A. Lacy, Jennie Carter, E. L. Corton, J. L. Zwickey, H. B. Leizer, A. F. Harvey, S. H. Sheakley.
Boone.....	B. P. Holst.....	W. C. Van Ness, W. B. Read, George I. Miller, Effie Schuneman, Lois Moberg, Clara E. Thompson, E. L. Coburn, J. J. McMahon.
Bremer.....	A. W. Merrill.....	A. T. Hukill, S. K. Stevenson, Nora Kelley.
Buchanan....	E. C. Lillie.....	E. E. White, W. B. Guthrie, J. A. Collins, W. H. Bender, Clara M. Travis, Emily Seltzer, Mrs. Rogers.
Buena Vista..	J. E. Durkee....	J. H. Donaghue, H. E. Crosby, P. L. Dorland, Mary D. Korinkle, N. Spencer, T. B. Morris.
Butler.....	H. B. Akin.....	G. W. Walters, Hill M. Bell, Florabel Patterson, Hattie Moore-Mitchell, W. F. Barr, J. R. Jamison.
Calhoun.....	R. W. Murphy....	S. Y. Gillan, D. K. Bond, P. C. Holdoegel, W. E. Jenison, Harriet Elden.
Carroll.....	J. J. McMahon..	J. H. Beveridge, J. H. Holmes, F. Van Erdewyk, M. Alice Scott, C. O. Magee, J. C. Harrington.
Cass.....	A. J. Burton.....	Wm. Wilcox, W. T. Rink, W. W. Fletcher, A. C. Peckham, L. B. Stewart, Elizabeth Pattee.
Cedar.....	J. W. Marker....	Wm. Wilcox, C. C. Rounds, J. H. Morgan, C. McCracken, R. R. Crum, Mary D. Korinke.
Cerro Gordo..	Eugene Brown..	D. A. Thornburg, A. R. Sale, J. C. Bushy, J. D. Lyon, M. J. Craig, W. J. Black, M. E. Lawrence, J. D. Stout.
Cherokee....	F. B. Cooper....	C. E. Shelton, A. V. Storm, W. N. Clifford, L. Zwickey, Alice Wilson.
Chickasaw...	J. A. Bishop....	F. J. Sessions, D. A. Thornburg, T. J. Wormley, C. E. Fleming, H. A. Dwelle, Della Conley.
Clarke.....	I. N. Beard.....	A. A. Taylor, Sara F. Rice, Susie Stivers, Evelyn Currier.
Clay.....	F. E. Willard...	C. C. Carstens, T. R. Amlie, Maude Gilchrist, Elizabeth Olive.
Clayton.....	Sumner Miller..	George Chandler, J. N. Dahm, W. A. Crusinberry, Hattie Moore-Mitchell, J. E. Webb, C. W. Bean, H. H. Schroeder.
Clinton.....	G. U. Gordon....	Charles A. McMurry, C. C. Rounds, Henry Sabin, O. H. Brainerd, E. L. Mason, J. R. Bowman, Jennie E. Fair.
Crawford....	W. C. Van Ness..	J. J. McMahon, J. W. Jackson, H. V. Fallor, B. P. Holst, Adelaide Laird.
Dallas.....	D. P. Repass....	A. L. Lyon, L. A. Blezek, W. M. Tarr, C. R. Arner, Flora B. Smith, R. F. Wood, H. E. Hammond.
Davis.....	M. F. Arey.....	J. B. Knoepfer, W. T. Howe, Will Fortune.
Decatur.....	R. A. Harkness..	J. W. Bowls, S. W. Stookey, S. L. Darrab, J. H. Drake, J. A. McIntosh.
Delaware....	Henry Sabin....	Henry Sabin, Henry R. Pattengill, Julia E. Rogers.
Des Moines..	M. B. Shaw.....	Minnie Todd, Charles Lander, Anna Hogan, O. M. Harvey, Maurice Richter, Josephine Burt, J. A. White, W. L. Sheetz.
Dickinson...	H. A. Welty.....	I. C. Welty, H. E. Pemberton, W. T. Arthur, Nettie Sawyer, H. A. Welty.
Dubuque....	A. P. Kress.....	Anna E. McGovern, F. T. Oldt, B. J. Horchem, J. M. Walsh, T. M. Irish, J. E. Welsh, W. B. Guthrie.
Emmett.....	H. H. Davidson..	C. O. Stover, G. N. Sabin, W. M. Stephens, Inez Myers.
Fayette.....	F. H. Bloodgood.	W. A. Doron, George Chandler, Fred E. Finch, Alice Wilson, D. M. Kelly.
Floyd.....	J. I. Martin....	E. E. White, F. E. Hirsch, Mrs. Verna Tracy-Young.
Franklin....	Emily A. Reeve..	Eva L. Gregg, W. D. Wells, G. A. Bateman, H. R. Pelrice Edna Sweet, Sadie Shaffer, W. E. Lamb.
Fremont.....	Lee Notson.....	J. C. King, R. C. Hughes, H. E. Wheeler, J. S. Estes, D. L. Wilson, B. M. Taylor, Grace Hoyt, Rose Ham.
Greene.....	W. E. Jenison...	E. D. Y. Oulbertson, Harriet Elden, Belle Eagleson, J. W. Jackson, R. W. Murphey, Mrs. E. B. Wilson.

ABSTRACT [E]-CONTINUED.

COUNTIES.	CONDUCTORS.	INSTRUCTORS.
Grundy.....	J. T. Gray.....	J. E. Stout, H. C. Waddie, J. L. Mishler, L. E. A. Ling, Jane Kreigh.
Guthrie.....	C. M. Young.....	Charles E. Shelton, F. E. Lenoche, George Galloway, C. T. Wright.
Hamilton....	W. F. Cole.....	J. J. DoBemeyer, Mrs. R. G. Young, Clara Bamber, L. N. Gerber, Henry Sabin, A. R. Gardiner, Clara Briggs.
Hancock.....	C. F. Schell.....	B. F. McJelland, J. F. Doderer, A. M. Deyoe, A. E. Parsons, Bertha Bush.
Hardin.....	C. F. Woodward..	S. Y. Gillan, Rebecca C. Pollard, H. R. Pattengill, L. Hezlewood, O. W. Maxwell, C. W. Lyon, M. F. Morgan.
Harrison....	W. T. Arthur....	F. C. Miller, H. A. Kinney, M. A. Reed, H. A. Welty, Harriet M. Carpenter, J. M. Ireland, Bertha M. Trash.
Henry.....	Ed. L. Roth.....	C. C. Rounds, Nellie Wallbank, Wm. Doron, Nora Kelly, C. E. Lander, L. Antrim, Charles Marsh.
Howard.....	L. T. Weld.....	F. H. Bloodgood, L. E. A. Ling, Julia Scurry, Ruth O. Allison.
Humboldt...	O. S. Ophelm....	Mrs. S. D. Jenkins, Olive McHenry, A. D. Cromwell, N. Messer, Oscar Olson, B. J. Still, R. E. Towle.
Ida.....	J. C. Hagler....	G. W. Samson, A. W. Rich, T. B. Hutton, Sara Rice, P. W. Gould.
Iowa.....	H. H. Seerley...	W. G. Walters, C. H. Carson, W. H. Whitford, W. P. Johnson, J. N. Stahl, A. T. Hukill.
Jackson.....	A. F. Kearney...	Elizabeth K. Mathews, C. C. Carstens, E. E. Blanchard.
Jasper.....	E. O. Meredith..	E. J. H. Beard, S. H. Sheakley, E. H. Gifford, D. M. C. Miller, S. G. Richards, J. E. Witmer, Libbie Dean, C. I. Welty.
Jefferson...	R. A. Harkness..	H. H. Seerley, Miss S. Laura Ensign, Elizabeth Woodbury, J. E. Williamson.
Johnson....	S. D. Whiting...	W. D. Wells, W. A. Willis, A. G. Smith, N. E. Barlow, B. F. Shambaugh, Agnes Otto.
Jones.....	T. J. Cowan....	E. E. White, W. B. Guthrie, Miss Amanda Kidder.
Keokuk.....	W. H. Gemmill..	H. H. Seerley, A. T. Hukill, A. L. Shattuck, W. S. A. Shearn, S. A. Potts, Harlan Updegraff, A. M. Bean.
Kossuth....	F. Van Erdewyk.	Frank J. Sessions, N. Spencer, W. H. Brown, S. S. Stockwell, O. H. Marsh, Harriet Stephens.
Lee.....	O. W. Weyer....	C. W. Crulkshank, W. T. Dick, Anna Campbell, Emma Estes.
Louisa.....	C. M. Donaldson.	A. M. M. Dornon, J. W. Cradler, D. R. Michener, L. G. Focht.
Linn.....	J. T. Merrill and H. H. Freer...	Arnold Tompkins, Mrs. A. L. Shattuck, Emma J. For-dyce, H. H. Seerley, H. H. Freer.
Lucas.....	C. F. Goltry....	D. R. Michener, S. M. Cart, Elizabeth K. Matthews, Carrie E. Allen, Edith E. Brant, E. S. Wells.
Lyon.....	W. S. Wilson....	J. A. Lapham, A. W. Grisell, Ethel F. Carpenter, Ruth Adst, M. E. Hassel.
Madison....	Ed. M. Smith....	Chas. C. Rounds, Henry Sabin, Wm. Wilcox, W. N. Clifford.
Mahaska....	Charles A. Kent.	C. P. Colgrove, Emma M. Riddle, Katie E. Palmer, W. J. Black, Frank V. Irish.
Marion.....	W. F. Crew.....	W. W. Cook, Harlan Updegraff, W. H. Lyon, R. G. Mulky, Nellie Sanborn, C. M. Grumbling, Mrs. M. Harsin.
Marshall....	J. Morrissey....	C. O. Carstens, F. E. Willard, A. E. Parsons, W. O. Reed, Julia Scurry.
Mills.....	O. H. Marsh....	H. W. Sawyer, J. J. McMahon, A. A. Taylor, W. M. Moore, W. E. Kline, Alice Smith, W. B. Woods.
Mitchell....	Wm. H. Salsbury.	Geo. Chandler, F. H. Bloodgood, J. A. Lapham, D. A. Thornburg, Bessie Beaver, Geo. Sawyer.
Monona.....	F. E. Lark.....	Sarah E. Sprague, E. N. Coleman, H. H. Hahn, P. N. Lewis, G. L. Weaver, Geo. E. Little.
Monroe.....	F. Ella McKillip.	H. C. Hollingsworth, Helen Elliott, Lura Phillips, Minnie Klass, Mary Dobins, Verna Young.
Montgomery.	Thos. McCulloch.	Chas. E. Shelton, A. B. Warner, W. F. Chevallier, Emma C. Moulton, Ira S. Condit, Edith C. Buck.
Muscataine.	F. M. Witter....	F. M. Witter, R. W. Leverich, S. Plumly.
O'Brien....	Ella Seckerson..	C. P. Colgrove, A. V. Storm, M. P. Fobes, W. I. Simpson, J. C. Hord, Mary D. Kortnik.
Osceola....	T. S. Redmond..	Henry Sabin, F. J. Sessions, Hattie Moore-Mitchell, W. P. Johnson.
Page.....	H. E. Deater....	E. E. Blanchard, Lulu Kittle, Geo. H. Colbert, H. A. Simons, Margaret Weber, A. E. Day, O. E. Smith.
Palo Alto...	Anna Donovan..	G. W. Young, H. E. Blackmar, H. E. Wheeler, Bessie Larsen, Mame Belsker.

ABSTRACT [E]-CONTINUED.

Table with 3 columns: COUNTIES., CONDUCTORS., INSTRUCTORS. Lists various counties and the names of their respective conductors and instructors.

STATISTICS OF CITY SYSTEMS.

COMPARATIVE SHOWING FOR 1898-9.

Cities having 3,000 or more population by the census of 1895.

Large data table with columns: CITIES., Population, state census 1896., Enumeration, 1899., Enrollment, 1898-9., Attendance, 1898-9., Attendance upon enrollment., Pupil all teachers in 1898-9., Tuition per month., Assistant teachers., Salary per month., Months taught., PRESENT CITY SUPERINTENDENT, YEAR 1898-9., Salary.

STATISTICS OF CITY SYSTEMS.

COMPARATIVE SHOWING FOR 1898-9.

From all cities in Iowa of more than 1,500 and less than 3,000 population in 1895. Compiled chiefly from the reports of county superintendents.

Table with columns: CITIES, Population-census of 1895, Enumeration, 1898, Enrollment, 1898-9, Attendance upon enumeration, Attendance upon enrollment, Paid all teachers in 1898-9, Tuition per month, Assistant teachers, Salary per month, Months taught, PRESENT CITY SUPERINTENDENT, YEAR, 1898-9, Salary.

GRADED SCHOOLS.

Not Including those found in Tables on Pages 65 and 66.

Table with columns: NAMES OF CITIES OR TOWNS, Number months school, Enumeration between 5 and 21 in 1899, Enrolled in school fall of 1899, Average attendance, 1898-9, Average tuition per month for each scholar in av. attendance, NAME OF SUPERINTENDENT OR PRINCIPAL, 1898-9, Annual salary, Number of other teachers, Average salary per month of assistant teachers.

GRADED SCHOOLS—CONTINUED.

Table with columns: NAMES OF CITIES OR TOWNS, Number school, months, Enumeration between 5 and 21 in 1899, Enrolled in school fall of 1899, Average attendance 1898-9, Average tuition per month for each scholar in av. attendance, NAME OF SUPERINTENDENT OR PRINCIPAL, 1898-9, Annual salary, Number of other teachers, Average salary per month of assistant teachers.

* Postoffice Des Moines.

GRADED SCHOOLS—CONTINUED.

Table with columns: NAMES OF CITIES OR TOWNS, Number school, months, Enumeration between 5 and 21 in 1899, Enrolled in school fall of 1899, Average attendance 1898-9, Average tuition per month for each scholar in av. attendance, NAME OF SUPERINTENDENT OR PRINCIPAL, 1898-9, Annual salary, Number of other teachers, Average salary per month of assistant teachers.

HIGH SCHOOL STATISTICS—CONTINUED.

Table with columns: NAME OF SCHOOL, 1898-1899 (Enrollment, Graduated), 1899-1900 (Enrollment, In Graduating Class), Years in course, Years in Latin, No. fitting for college, NAME OF PRINCIPAL.

+ Number fitting for college or other higher institutions.

NOTE.—In comparing the number of students enrolled this year with the number enrolled last year, just bear in mind that for 1898-1899 the enrollment is given for the entire year; and that for 1899-1900 the enrollment is given at the beginning of the year. This will explain why the number of students is, in many schools, less than it was last year. The difference is quite noticeable in the reports from some of the larger towns and cities because a large class is promoted to the high school at the middle of the year.

COUNTY SUPERINTENDENTS—TERM OF OFFICE, JANUARY, 1900, TO JANUARY, 1902.

Table with columns: COUNTY, SUPERINTENDENT, POSTOFFICE. Lists 100 counties and their respective superintendents and postoffices.

COUNTY SUPERINTENDENTS—TERM, 1900-1902—CONTINUED.

COUNTY.	SUPERINTENDENT.	POSTOFFICE.
Jefferson	Anna White	Fairfield.
Johnson	Sam D. Whiting	Iowa City.
Jones	Clifford B. Paul	Anamosa.
Keokuk	W. H. Gemmill	Sigourney.
Kossuth	Frank H. Slagle	Algona.
Lee	J. S. Stewart	Ft. Madison.
Linn	I. E. Gould	Marion.
Louisa	C. M. Donaldson	Wapello.
Lucas	C. F. Goltry	Chariton.
Lyon	A. W. Grisell	Rock Rapids.
Madison	H. D. Smith	Winterset.
Mahaska	J. P. Dodds	Oskaloosa.
Marion	W. F. Crew	Knoxville.
Marshall	J. Morrisey	Marshalltown.
Mills	O. H. Marsh	Glenwood.
Mitchell	Wm. H. Salisbury	Osage.
Monona	F. E. Lark	Onawa.
Monroe	Mrs. Angie Reitzel	Albia.
Montgomery	Thomas McCulloch	Red Oak.
Muscatine	J. A. Townsley	Muscatine.
O'Brien	Ella Seckerson	Primghar.
Osceola	T. S. Redmond	Sibley.
Page	Henry E. Deater	Clarinda.
Palo Alto	Anna Donovan	Emmetsburg.
Plymouth	I. C. Hise	Le Mars.
Pocahontas	U. S. Vance	Havelock.
Polk	J. M. Brenton	Des Moines.
Pottawattamie	O. J. McManus	Council Bluffs.
Poweshiek	Viola H. Schell	Montezuma.
Ringgold	J. C. Bennett	Mt. Ayr.
Sac	C. H. Jump	Sac City.
Scott	A. A. Miller	Davenport.
Shelby	J. B. Shorett	Harlan.
Sioux	E. D. Brown	Orange City.
Story	Fred E. Hansen	Nevada.
Tama	C. A. DeLong	Toledo.
Taylor	F. E. Crosson	Bedford.
Union	Chas. M. Peters	Creston.
Van Buren	W. T. Dick	Keosauqua.
Wapello	Beniah Dimmitt	Ottumwa.
Warren	S. M. Holladay	Indianola.
Washington	Mary M. Hughes	Washington.
Wayne	Inez F. Kelso	Corydon.
Webster	A. L. Brown	Ft. Dodge.
Winnebago	K. N. Knudsen	Forest City.
Winneshiek	E. J. Hook	Decorah.
Woodbury	Joseph D. Keller	Sioux City.
Worth	S. B. Toye	Northwood.
Wright	Angus Macdonald	Clarion.

HIGH SCHOOL STATISTICS.

HIGH SCHOOL.	INSTRUCTORS, 1890-1900.	BRANCHES TAUGHT.
Ackley	O. W. Maxwell, Prin	Alg., Botany, Civ. Govt. Iowa, Civ. Govt. U. S. Geom., Physics, Phys. Geog., Physiology.
Adel	Cora C. Moler	Am. Lit., Eng. Gram., Eng. Lit., Gen. Hist., Latin, Rhet., Word Anal.
	S. A. Potts, Prin	Alg., Geom., Physics.
	Jeannette Songstad	Latin, Astronomy, Phys. Geog.
	Nellie Young	Am. Lit., Bookkeeping, Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Gen. Hist., Geol., Rhet., Word Anal.
Afton	Ida Wooster	Am. Lit., Arith., Eng. Gram., Hist. U. S., Latin, Physiology.
	W. O. Mullin, Prin	Arith., Chem., Eng. Gram., Geol., Geom., Latin, Penmanship, Physics, Physiology.
	May Briggs	Alg., Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Hist. U. S., Phys. Geog.
	Katharine Marley	Am. Lit., Arith., Bookkeeping, Botany, Eng. Lit., Gen. Hist., Rhet.
Albia	Maisy Schreiner, Prin	Gen. Hist., Latin, Spelling.
	H. C. Hollingsworth	Chemistry, Geom., Penmanship.
	Bess Jackson	Am. Lit., Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Eng. Lit., Hist. U. S., Rhet.
Algona	Alice White	Alg., Arith., Bookkeeping, Physics, Phys. Geog., Physiology.
	M. Coate, Prin	Alg., Geom., Latin, Music.
	J. Sniffen	Alg., Arith., Botany, Chemistry, Physics, Phys. Geog., Physiology, Word Anal.
	Lida Colton	Am. Lit., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Drawing, Eng. Lit., German, Gen. Hist., Rhet.
Ames	N. Spencer	Business, Polit. Econ., Didactics.
	Mrs. C. C. Smith, Prin	Am. Lit., Eng. Gram., Eng. Lit., Gen. Hist., Hist. U. S., Rhet.
	Mrs. Jessie M. Freeland	Alg., Arith., Bookkeeping, Geom.
	Ina Morphy	Latin, Word Anal.
	W. E. Gossard	Hist. U. S., Physics, Phys. Geog., Physiology, Eng. Composition.
	E. D. Y. Culbertson	Gen. Hist., U. S. History, Civil Govt., Political Economy.
Anamosa	Lillian B. Joseph, Prin	Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., German, Gen. Hist., Rhet.
	A. Palmer	Alg., Geom., Physics, Phys. Geog.
Anita	Theresa B. Peet	Am. Lit., Botany, Eng. Lit., Latin, Bookkeeping, Botany, Geom., Latin, Physics, Word Anal., Political Economy, Astronomy, Ethics.
	W. J. Cattell, Prin	Alg., Am. Lit., Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Gen. Hist., Hist. U. S., Phys. Geog., Physiology, Rhet., Zoology.
Atlantic	Carlos M. Cole, Prin	Gen. Hist., Latin.
	William Wilcox	Geom.
	Fannie R. Wilson	Am. Lit., Botany, Eng. Lit., Physics, Rhet., Zoology.
	Florence Nichols	Alg., Arith., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Hist. U. S., Political Economy.
	Rose Henderson	Physiology, Rhet.
	Hoke Curtis	Music.

HIGH SCHOOL STATISTICS—CONTINUED.

HIGH SCHOOL.	INSTRUCTORS, 1899-1900.	BRANCHES TAUGHT.
Audubon.....	Harriet Bilharz, Prin..... F. P. Hocker..... Dora Larson.....	Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Eng. Lit., Latin, Rhet. Alg., Arith., Bookkeeping, Geom. Am. Lit., Botany, Gen. Hist., Geol., History U. S., Physics, Phys. Geog., Physiology.
Avoca.....	Mary L. Lepper, Prin..... C. R. Aurner..... Emma Meier.....	Bookkeeping, German, Gen. Hist., Latin, Phys. Geog. Am. Lit., Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Physics, Physiology, Psychology, Pol. Economy. Alg., Eng. Gram., German, Geol., Geom., Latin, Rhet., Word Anal.
Bedford.....	Evelyn Miller, Prin..... E. H. Griffin..... Deborah Davis..... Harriet Higley.....	Am. Lit., Eng. Lit., Latin. Alg., Bookkeeping, Geom., Music, Didactics. Eng. Gram., Gen. Hist., Hist. U. S., Rhet. Alg., Arith., Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Geol., Physics, Phys. Geog., Physiology, Word Anal.
Belmond.....	Angus Macdonald, Prin..... Adell Andrews..... Lizzie Wallace.....	Alg., Am. Lit., Arith., Bookkeeping, Eng. Gram., Eng. Lit., Gen. Hist., Geom., Latin. Alg., Am. Lit., Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Eng. Lit., Hist. U. S., Latin, Physics, Phys. Geog., Physiology, Rhet. Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Hist. U. S., Penmanship, Word Anal., Geog.
Belle Plaine.....	Luella Albrook, Prin..... Mrs. Letta Dixon Burgis.... Catharine Jackson..... F. B. Lawrence.....	Am. Lit., Botany, Eng. Lit., Gen. Hist., Geom., Latin, Rhet., Word Anal. Alg., Bookkeeping, German, Phys. Geog., Physiology, Zoology. Arith., Eng. Gram., Hist. U. S., Phys. Geog., Physiology, Rhet. Civ. Govt. Iowa, Civ. Govt. U. S., Physics, Pol. Econ., Astronomy.
Bellevue.....	M. Jaynes, Prin..... Hilda Lundeen.....	Geom., Latin, Physics, Physiology, Pol. Econ. Alg., Am. Lit., Botany, Civ. Govt. U. S., Eng. Lit., Gen. Hist., Hist. U. S., Latin, Rhet.
Bloomfield.....	Jennie M. Van Der Pool.... Will Fortune, Prin..... C. W. Ramseyer.....	Drawing, Music, Penmanship. Alg., Am. Lit., Chemistry, Eng. Lit., Geol., Geom., Latin, Physics, Phys. Geog. Alg., Arith., Bookkeeping, Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Gen. Hist., Geom., Phys. Geog., Rhet., Word Anal.
Boone.....	Mrs. Alice Bradrick, Prin..	Geom., Eng. Lit., Am. Lit., Civics, Mental Science, Mental Arith.
	Laura M. Graves..... Francis Church..... Alice Hussey..... Florence Streeter..... Ada White..... E. L. Coburn..... Mary Morton, Prin.....	Eng. Gram., Gen. Hist., Hist. U. S., Latin, Word Anal., Cicero, Virgil. Botany, Chemistry, Geol., Physics, Zoology, Astronomy. Alg., Arith., first year Latin—Cæsar. Alg., Arith., Bookkeeping, Phys. Geog., Physiology, Word Anal., Reading. Algebra, English or Rhet., Reading, Phys. Geog., Physiology. Music. Gen. Hist., Hist. U. S., Latin, Phys. Geog., Physiology, Word Anal., Spelling.
	Edith Cushing..... A. M. Deyoe.....	Am. Lit., Arith., Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Eng. Lit., Rhet., Spelling, Zoology, Political Economy. Alg., Arith., Bookkeeping, Geol., Geom., Physics.
Brooklyn.....	Eugene Henely, Prin..... Jennie M. Hartwell.....	Alg., Botany, Chemistry, Civ. Govt. U. S., Geom., Physics, Phys. Geog. Lit. Latin, Rhet.

HIGH SCHOOL STATISTICS—CONTINUED.

HIGH SCHOOL.	INSTRUCTORS, 1899-1900.	BRANCHES TAUGHT.
Brooklyn.....	F. F. Coon.....	Arith., Bookkeeping, Civ. Govt. Iowa, Gen. Hist., Hist. U. S., Latin, Penmanship, Rhet., English Grammar.
Burlington.....	Maurice Ricker, Prin..... Dr. Ewald Poppe..... Chas. E. Lauder..... Hattie Warren..... Esther Jacobs..... M. A. Wood..... J. H. Murphy..... O. M. Harvey..... Mox O. Lorenz..... M. L. Hutchinson..... John H. White..... Nellie Evans..... Chas. E. Blodgett, Prin....	Chemistry, Physics. German, Latin. Civ. Govt. Iowa, Civ. Govt. U. S., Latin. Eng. Gram., Hist. U. S., Latin. German. Alg., Geom. Botany, Phys. Geog., Physiology. Alg., Arith., Geom. Am. Lit., Eng. Lit., Gen. Hist., Rhet. Eng. Gram., Gen. Hist., Hist. U. S. Bookkeeping, Penmanship. Shorthand, typewriting.
Carroll.....	Carl C. Magee..... Harry S. Stein..... Daisy E. Wood.....	Alg., Am. Lit., Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Hist. U. S., Rhet., Word Anal., Ethics, Spell. Gen. Hist., Pol. Econ., Themes. Bookkeeping, Botany, Chemistry, Drawing, Geol., Geom., Physics, Phys. Geog., Physiology. Eng. Gram., German, Latin, Rhet., Word Anal.
Capital Park (Des Moines).....	Ada Houck, Prin..... Elizabeth McLaughlin..... Wenonah Macy..... Z. C. Thornburg.....	Alg., Arith., Botany, Geom. Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Gen. Hist., Geol., Phys. Geog., Physiology, Rhet. Am. Lit., Eng. Lit., German, Latin, Word Anal. Bookkeeping, Chemistry, Hist. U. S., Physics.
Cedar Falls.....	Lulu Read..... Grace I. Norton, Prin..... Estelle Harding..... Gertrude Pierce..... Lydia Eckhart.....	Elocution and Physical Culture. Arith., Am. Lit., Eng. Lit., Latin. Alg., Gen. Hist., Geom., Phys. Geog., Physiology. Am. Lit., Eng. Gram., Hist. U. S., Rhet. Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., German, Phys. Geog., Rhet.
Cedar Rapids....	Lura Phillips..... Abble S. Abbott, Prin..... Emma J. Fordyce..... Anna Fisher..... Carrie M. Palmer..... Julia Rogers..... Mary Mills..... Bella Dusill..... Marie Schmermund..... Martha H. Chadbourne.... Lucile Powell..... Rachel Witmer..... Ina Hibbard..... John G. Cameron.....	Bookkeeping, Arith., Physics. Alg., Arith. Chemistry, Physics, Phys. Geog. Am. Hist., Roman Hist., Greek Hist. Eng. Gram. Nat. Science, Literature. English. Bookkeeping, Penmanship. Latin. German. Latin. Literature, Eng. Hist. Stenography. Botany, Civ. Govt. U. S., Geol., Physiology.
Centerville.....	Elizabeth Cook..... Earl G. Swem..... Lucille Shelley..... Janet Wilson, Prin..... Zoe Stuckey..... Sarah Porter..... Orsini Swift..... F. E. King..... Anna Johnston..... Anna L. Wolfe, Prin.....	Geom. Algebra. Latin, Physics. Alg., Botany, Geom. Arith., Eng. Gram., German, Latin, Astronomy. Am. Lit., Civ. Govt. U. S., Eng. Lit., Latin. Arith., Eng. Gram., Gen. Hist., Geol., Phys. Geog., Rhet. Physics, didactics, political economy. Penmanship, Bookkeeping, Com. Law. Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Hist. U. S., Latin, Pol. Ec.
Charles City.....	Gladys I. Goddard, M. Edith Knickerbocker..... Libbie Howard..... Arthur Bailey..... G. S. Dick..... Viola Waller..... Nettie C. Lewis.....	Alg., Am. Lit., Eng. Gram., Latin, Phys. Geog., Rhet. Alg., Am. Lit., Bookkeeping, Eng. Gram., Phys. Geog., Rhet. Alg., Arith., Botany, Gen. Hist., Geom. Physics. Writing, Drawing. Music.

HIGH SCHOOL STATISTICS—CONTINUED.

HIGH SCHOOL.	INSTRUCTORS, 1899-1900.	BRANCHES TAUGHT.
Cherokee	Rodney M. Arey, Prin..... Mrs. B. G. Thompson..... Martha Roberts..... Anna Goodale..... Alice Ingersoll..... A. V. Storm	Chemistry, Eng. History, Civil Govt. Iowa, Civil Govt. U. S. Am. Lit., Eng. Lit., Gen. Hist., Rhet., Word Anal. Botany, Hist. U. S., Rhet, Zoology. Alg., Geom. Latin. Geom.
Cincinnati	P. B. Woods, Prin..... Alice Williams.....	Am. Lit., Arith., Bookkeeping, Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Gen. Hist., Geom., Physics, Political Economy. Alg., Am. Lit., Arith., Eng. Gram., Hist. U. S., Penmanship, Phys. Geog., Physiology, Word Anal.
Clarinda.....	John J. Fossler, Prin	Botany, Chemistry, Eng. Gram., German, Geol., Phys. Geog., Physiology.
	Myrtle Renwick..... Cyrus W. Knouff	Alg., Arith., Geom., Physics. Am. Lit., Civ. Govt. U. S., Eng. Lit., Hist. U. S., Rhet., English History, Political Economy.
	Lulu Calhoun..... D. K. Earl.....	Latin, Greek. Bookkeeping, English Gram., Orthography, Reading, Mental Arith., Penmanship.
Clarion.....	S. T. May, Prin..... Annette Anderson.....	Civ. Govt. Iowa, Civ. Govt. U. S., Gen. Hist., Geom., Hist. U. S., Economics. Am. Lit., Bookkeeping, Eng. Gram., Eng. Lit., Latin, Penmanship, Rhet., Word Anal.
	Ethel B. Rundall.....	Alg., Arith., Botany, Geol., Physics, Phys. Geog., Physiology, Astronomy.
Clear Lake.....	D. H. Campbell, Prin..... Lodema Willis.....	Alg., Bookkeeping, Civ. Govt. U. S., Physics, Word Anal., Orthography, Economics. Am. Lit., Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Eng. Lit., Gen. Hist., Latin, Phys. Geog., Rhet., Word Anal.
	Lillian Carlyon.....	Alg., Arith., Geom., Hist. U. S., Latin, Physiology.
Colfax	J. L. Mishler, Prin..... F. Belle Batton.....	Alg., Civ. Govt. Iowa, Civ. Govt. U. S., Geom., Physics, Political Economy. Alg., Am. Lit., Arith., Botany, Eng. Lit., Hist. U. S., Latin, Phys. Geog., Rhet.
	Mary Stewart.....	Arith., Bookkeeping, Eng. Gram., Gen. Hist., Physiology.
Columbus Junct.	J. W. Thompson, Prin..... A. L. Holiday.....	Alg., Arith., Chemistry, Civ. Govt. Iowa, Civ. Govt. U. S., Geom., Physics, Astronomy. Am. Lit., Bookkeeping, Botany, Eng. Lit., Gen. Hist., Latin, Geog.
	Nellie Overholt.....	Alg., Am. Lit., Eng. Gram., Eng. Lit., Hist. U. S., Latin, Rhet., Word Anal.
Coon Rapids.....	S. A. Power, Prin..... Helen Bowen	Alg., Arith., Bookkeeping, Geom., Penmanship, Physics, Commercial Law. Am. Lit., Botany, Eng. Gram., Eng. Lit., Gen. Hist., Latin, Phys. Geog., Rhet.
	Mrs. Edith McConnell.....	Alg., Civ. Govt. Iowa, Civ. Govt. U. S., Geom., Hist. U. S.
Corning.....	John R. McComb, Prin..... D. M. Kelly..... Hanna M. Thomas.....	German, Gen. Hist., Geom., Latin, Physics. Alg., Am. Lit., Eng. Lit., Geom. Alg., Am. Lit., Arith., Botany, Chemistry, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Eng. Lit., Geol., Hist. U. S., Phys. Geog., Rhet., Word Anal.
Oorydon.....	Charles Carter, Prin..... J. K. Green..... Nora Niday.....	Am. Lit., Chemistry, Eng. Lit., German, Physics, Phys. Geog., Physiology, Rhet., Astronomy. Gen. Hist., Geom., Latin. Alg., Arith., Bookkeeping, Civ. Govt. U. S., Eng. Gram., Hist. U. S., Word Anal.

HIGH SCHOOL STATISTICS—CONTINUED.

HIGH SCHOOL.	INSTRUCTORS, 1899-1900.	BRANCHES TAUGHT.
Council Bluffs ..	W. N. Clifford, Prin..... Frances Dailey..... Maud Pierce..... Mittie Pile..... Viola Ward..... Emma Boesche..... Kate Reed..... W. J. Flint..... Jennie G. Rice..... J. M. Sylvester..... Anna Z. Ross..... S. L. Thomas..... Louise Boesche..... J. C. Grason..... Mary A. Tate, Prin.....	Civ. Govt. Iowa, Civ. Govt. U. S., Hist. U. S., Pol. Econ. Am. Lit., Eng. Lit., Latin. Latin. Alg., Geom., Latin. Latin, Physiology. German, Algebra. Gen. Hist. Alg., Geom. Rhet., Word Anal. Arith., Bookkeeping. Botany, Geol., Physical Geog. Chemistry, Physics. German. Penmanship, Shorthand, Typewriting. Alg., Am. Lit., Botany, Eng. Lit., Gen. Hist., Geol., Phys. Geog., Physiology, Rhet., Word Anal.
Cresco	L. E. A. Ling..... Helena Whyte.....	Chemistry, Geom., Physics. Alg., Civ. Govt. Iowa, Civ. Govt. U. S., Latin, Rhet., Word Anal.
Creston.....	W. Bell, Prin..... Mrs. Darah J. Sawyer..... Jennie McEachran..... Gertrude Howard..... Mary E. Chandler..... Angelia W. Hobbs..... G. O. Van Meter..... W. D. Wells, Prin..... Chas. M. Lillie.....	Civ. Govt. Iowa, Civ. Govt. U. S., Geom., Latin, Pol. Economy, Didactics. Am. Lit., Eng. Lit., Gen. Hist., Hist. U. S. Am. Lit., Eng. Lit., Phys. Geog. Alg., Eng. Gram. Latin, Rhet. Alg., Eng. Gram., Lit., Arith. Chemistry, Physics, Zoology, Botany. Civ. Govt. Iowa, Civ. Govt. U. S., Geom., Phys. Geog., Pol. Economy. Am. Lit., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Gen. Hist., Latin, Rhet., Pol. Economy.
	J. R. Baldwin..... Ella McGuire..... R. P. Redfield..... Grace A. Stayt..... C. C. Baumann..... May Church..... Lillie V. Johnson..... Paul Radenhausen..... Charlotte E. Pickett..... Jennie Cleaves..... E. A. Parks, Prin..... Claude Riddle..... Louise Hughes..... Iva Beck.....	Alg., Arith., Bookkeeping, Astronomy. Am. Lit., Eng. Lit., Gen. Hist., Rhet. Latin, Greek. Am. Lit., Eng. Lit., Gen. Hist., Rhet. German, French. Alg., Geom. German, Latin. Chemistry, Geol., Physics, Phys. Geog. Botany, Physiology, Zoology. Am. Lit., Eng. Lit., Gen. Hist., Rhet. English, Bookkeeping, Geom. Arith., U. S. Hist., Civics. German, Ancient and Modern Hist. Alg., Botany, Physiology, Phys. Geog., Chemistry, Physics.
Decorah	Wilhelmina Hegner..... H. V. Fallor, Prin..... G. R. Davies.....	Latin, English. Algebra. Am. Lit., Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Gen. Hist., Geom., Physics, Phys. Geog., Physiology.
	Emma J. Rollinson.....	Am. Lit., Eng. Lit., German, Latin, Music, Rhet.
Des Moines (E)...	E. H. White, Prin..... May Goodrell..... Millicent M. Cuplin..... Carrie C. Rule..... R. J. Hartung..... Lillian V. Lambert..... Alice G. Lewis..... Ada D. Groves..... Charles Johnson..... Elizabeth F. Wright..... Nellie Chester Hopkins..... Harriet Garton..... Minnie Hobbs..... A. W. Brett, Prin.....	Am. Lit., Civ. Govt. Iowa, Civ. Govt. U. S., Gen. Hist., Hist. U. S. Alg., Geom. Latin. Chemistry, Physics, Phys. Geog. Eng. Lit., Rhet. Rhetoric. Alg., Word Anal. Arith., Bookkeeping, Botany. Arith., Physics, Phys. Geog., Physiology. Elocution. Music. Drawing. Bookkeeping, Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Geol., Phys. Geog., Greek, Economics.
Des Moines (N.)..	Lottie E. Granger.....	Am. Lit., Eng. Lit., Rhet., Word Anal.

HIGH SCHOOL STATISTICS—CONTINUED.

HIGH SCHOOL.	INSTRUCTORS, 1899-1900.	BRANCHES TAUGHT.
Des Moines (N.)...	Cora B. Webb	Alg. Geom., Trigonometry.
	Katherine G. Willis	Latin.
Des Moines (W.)...	Grace Troutner	Botany, Geol., Phys. Geog., Physiology, Elementary Zoology.
	N. C. Frisbie	Civ. Govt. Iowa, Civ. Govt. U. S., Gen. Hist., Hist. U. S.
	F. E. Goodell	Chemistry, Physics.
	Mrs. J. A. Jackson	German, French.
	W. O. Riddell, Prin.	Am. Lit., German.
	Lucy Allabach	Alg., Geom.
	Martha A. Beeson	Asst. Phys. Sci.
	Elizabeth Bruner	Phys. Sci.
	Lafayette Higgins	English.
	Cordelia Kyle	German.
	Sarah M. Loring	Manual Training.
	A. C. Newell	History.
	Elizabeth Perkins	Alg., Civics.
	W. E. D. Rummel	Eng. Lit., French.
	Caroline Sheldon	Business Department.
Clay D. Slinker	Asst. in Commercial Department.	
Clara Hass	Alg., Geom.	
John Sogard	Asst. Natural Science.	
Helen W. Stewart	Alg., English.	
Josephine Taylor	Natural Science.	
F. A. Wilder	Latin.	
Elizabeth Wilcox	Latin.	
Josephine V. Williams	Latin.	
De Witt	Margaret Buchanan, Prin.	Alg., Bookkeeping, Botany, Chemistry, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Gen. Hist., Geol., Geom., Penmanship, Phys. Geog., Word Anal., Zoology.
Dubuque	Della Reilley	Am. Lit., Arith., Eng. Gram., Eng. Lit., Latin, Physics, Physiology, Rhet., Spelling.
	Kathryn Dunnan	Music.
	F. L. Smart, Prin.	Eng. Gram., Eng. Lit., Rhet.
	E. W. Blackhurst	Alg., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S.
	Helen M. T. Sauer	Arith., Geom.
	Susan Hetherington	Am. Lit., Eng. Lit., Rhet.
	Hattie E. Greenhow	Latin, Greek.
	Loueen Pattee	German, French.
	A. W. Senior	Am. Lit., Eng. Lit., Rhet.
	Matilda Harrington	Latin.
	G. H. Wilkinson	Alg., Eng. Lit., Rhet.
	W. A. Schoper	Gen. Hist., U. S. Hist., Eng. Hist., Economics.
Dunlap	J. A. Anderson	Botany, Drawing, Physiology, Zoology.
	J. C. Nelson	German, Gen. Hist., Latin.
	R. W. Sharpe	Physics, Chemistry, Commercial Geography, Geology.
Eagle Grove	L. B. Stewart, Prin.	Alg., Arith., Bookkeeping, Geom., Latin, Penmanship, Physics.
	Elizabeth Moore	Am. Lit., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Eng. Lit., Gen. Hist., Geom., Phys. Geog., Rhet., Political Economy.
	Margaret Porter	Civ. Govt. U. S., Hist. U. S., Physiology, Word Anal.
Eldon	J. G. Grundy, Prin.	Geom., Physics, Phys. Geog., Zoology.
	May Brewer	Am. Lit., Botany, Eng. Lit., Gen. Hist., Latin.
	Mrs. Blanche Grundy	Alg., Arith., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Gen. Hist., Music.
Eldon	Phoebe Morgan	Alg., Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Hist. U. S., Latin, Physiology, Rhet., Word Anal.
	Earl C. Mills, Prin.	Alg., Geol., Geom., Physics, Economics.
	Blanche Norton	Am. Lit., Botany, Eng. Lit., Hist., Gen. Hist. U. S., Latin, Phys. Geog., Rhet.
Eldon	Esther Nicholson	Alg., Arith., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Latin, Phys. Geog., Physiology, Commercial Arith., Commercial Law.

HIGH SCHOOL STATISTICS—CONTINUED.

HIGH SCHOOL.	INSTRUCTORS, 1899-1900.	BRANCHES TAUGHT.
Eldora	Katherine Walters, Prin.	Alg., Arith., Botany, Geol., Latin.
	W. A. Doron	Bookkeeping, Geom., Physics, Physiology.
Emmetsburg	Lillian E. Long	Am. Lit., Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Eng. Lit., Gen. Hist., Hist. U. S., Phys. Geog., Rhet., Word Anal.
	F. E. Teller, Prin.	Am. Lit., Bookkeeping, Botany, Chemistry, Eng. Lit., Gen. Hist., Geol., Hist. U. S., Music, Rhet., Zoology.
Estherville	H. E. Blackmar	Alg., Arith., Phys. Pol. Econ.
	Elizabeth Burgess	Eng. Gram., Latin, Word Anal., Geography.
	Cora Patterson	Drawing, Geom., Hist. U. S., Phys. Geog., Physiology.
Fairfield	Inez Myers, Prin.	Am. Lit., Eng. Lit., Latin, Music.
	Maria Pingrey	Alg., Arith., Bookkeeping, Geom.
	Gail Horswell	Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Drawing, Eng. Gram., Gen. Hist., Geol., Hist. U. S., Physiology, Rhet.
Farmington	C. C. Stover	Botany, Geol., Physics, Pol. Econ., Pedagogy.
	Edward G. Quigley, Prin.	Alg., Botany, Gen. Hist., Geom., Eng. Hist., Zoology.
	J. E. Williamson	Astron., Bookkeeping, Gen. Hist., Geom., Physics.
Fayette	Charles D. McClain	Alg., Am. Lit., Arith., Civ. Govt. U. S., Phys. Geog., Physiology, Rhet.
	Nellie Jordan	Arith., Eng. Gram., Hist. U. S., Penmanship, Rhet.
	Susie Harkness	Latin, Eng. Lit.
Forest City	Cora Ball	Music.
	Arthur T. S. Owen, Prin.	Alg., Arith., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Geol., Geom., Hist. U. S., Latin, Physics.
	Anna G. Hartrick	Am. Lit., Botany, Eng. Gram., Eng. Lit., Gen. Hist., Phys. Geog., Physiology, Rhet., Word Anal.
Fort Dodge	F. E. Finch, Prin.	Alg., Am. Lit., Bookkeeping, Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Gen. Hist., Geom., Physics, Rhet.
	Etta Eldredge	Alg., Am. Lit., Arith., Civ. Govt. Iowa, Eng. Gram., Hist. U. S., Penmanship, Phys. Geog., Physiology, Rhet.
	Elma L. Dickinson, Prin.	Am. Lit., Bookkeeping, Eng. Lit., Latin, Phys. Geog.
Fort Madison	H. O. Bateman	Botany, Geom., Physics, Astronomy.
	Louise Taylor	Alg., Civ. Govt. Iowa, Civ. Govt. U. S., Gen. Hist., Rhet.
	Cora A. Young	Drawing, Penmanship.
Fort Madison	H. H. Roberts, Prin.	Latin.
	M. B. Hillegas	Chemistry, Geol., Physics, Biology.
	Nellie D. Howard	Am. Lit., Arith., Civ. Govt. U. S., Gen. Hist., Hist. U. S., French, English, first year.
Garner	Anna McColm	Eng. Gram., German, English, second, third and fourth years.
	W. E. Howard	Alg., Bookkeeping, Geom.
	W. L. Barrett, Prin.	Alg., Arith., Bookkeeping, Botany, Geom., Phys. Geog.
Glenwood	C. W. Cruikshank	Chemistry, Civ. Govt. Iowa, Civ. Govt. U. S., Physics.
	Blanche Blackwell	German, Gen. Hist., Latin.
	Ruth Hamilton	Am. Lit., Eng. Gram., Eng. Lit., Hist. U. S., Physiology, Rhet., Word Anal.
Glenwood	M. F. Moine, Prin.	Alg., Arith., Bookkeeping, Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Geol., Geom., Latin, Physics, Phys. Geog., Physiology.
	Sarah Nunamacker	Am. Lit., Eng. Gram., Eng. Lit., Gen. Hist., Hist. U. S., Latin, Penmanship, Rhet., Word Anal.
Glenwood	Lila C. Hurlbut, Prin.	Alg., Am. Lit., Eng. Gram., Eng. Lit., Gen. Hist., Latin, Rhet., Word Anal., Eng. Hist.

HIGH SCHOOL STATISTICS—CONTINUED.

HIGH SCHOOL.	INSTRUCTORS, 1899-1900.	BRANCHES TAUGHT.
Glenwood*	Jessie G. Nutting..... Sara M. Nollen..... Florence Kiskadon..... Ernestine Houston..... Mary Tolles..... Fannie Ames..... Alice M. Smith..... A. J. Obilinger, Prin.....	Alg., Drawing, Latin, Pol., Economy. Alg., Botany, Chemistry, Geol., Geom., Physics, Astronomy. Civ. Govt. Iowa, Civ. Govt. U. S., Phys. Geog., Rhet. Physiology, Gen. Hist. Mental Arith, Bookkeeping. English. Music.
Grand Junction..	Mary Stanley.....	Arith., Bookkeeping, Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Gen. Hist., Geol., Geom., Music, Physics, Phys. Geog., Physiology, Rhet.
Greene.....	J. R. Jamison, Prin..... Kate McDonald..... Bertha Wise.....	Alg., Am. Lit., Arith., Eng. Gram., Eng. Lit., Hist. U. S., Latin, Word Anal. Alg., Bookkeeping, Botany, Eng. Gram., Geom., Hist. U. S., Latin, Physics, Phys. Geog., Pol. Economy. Alg., Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Geom., Latin, Physiology. Am. Lit., Bookkeeping, Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Gen. Hist., Hist. U. S., Phys. Geog., Rhet., Word Anal., Dole's Am. Citizen.
Greenfield.....	W. H. Reeve, Prin..... Cora Smith..... Nellie Warren.....	Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Geom., Physics, Physiol- ogy, Higher Arithmetic. Alg., Am. Lit., Botany, Eng. Gram., Eng. Lit., Latin, Rhet., Word Anal. Alg., Arith., Botany, Eng. Gram., Gen. Hist., Geol., Hist. U. S., Phys. Geog.
Grinnell.....	D. A. Thornburg..... Alice Dunham..... W. M. McClaren..... Chas. Haines..... Margaret Conley.....	Alg., Arith., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Geom., Am. Lit., Eng. Lit., Am. Constitution, Political Economy. Am. Lit., Eng. Lit., Latin, Rhet. Botany, Geol., Physics, Phys. Geog., Physiology. Alg., Eng. Gram., Gen. Hist., Latin, Word Anal. Alg., Am. Lit., Arith., Eng. Gram., Eng. Lit.
Grundy Center..	J. E. Stout, Prin..... Ida E. Sturgeon..... Miranda Scoville.....	Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Latin, Word Anal., Economics Am. Lit., Eng. Lit., Gen. Hist., Hist. U. S., Latin, Rhet., Am. Hist., Composi- tion. Alg., Arith., Botany, Geom., Physics, Phys. Geog., Physiology.
Guthrie Center..	Adam Pickett, Prin..... Myra B. Dungan..... J. M. Berry.....	Alg., Geom., Hist. U. S., Latin, Physics, Pol. Economy. Am. Lit., Botany, Eng. Gram., Eng. Lit., Gen. Hist., Phys. Geog., Physiology, Rhet., Word Anal., Eng. Hist.
Gutenberg.....	C. J. Adam, Prin..... C. J. Borchardt.....	Alg., Arith., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Gen. Hist., Geom., Hist. U. S., Physics, Phys. Geog., Physiology, Rhet., Word Anal., Economics.
Hamburg.....	J. C. King, Prin..... H. T. Mitchell..... Julia R. Brown..... Etta Hoke.....	Alg., Drawing, Eng. Gram., German, Hist. U. S., Penmanship, Physiology. Alg., Arith., Bookkeeping, Eng. Gram., Geom., Physics, Psychology. Alg., Civ. Govt. Iowa, Civ. Govt. U. S., German, Hist. U. S., Latin, Physi- ology. Am. Lit., Botany, Eng. Lit., Gen. Hist., Latin, Rhet., Word Anal., Economics. Arith., Phys. Geog.

* The last four teachers do work in grammar grades also.

HIGH SCHOOL STATISTICS—CONTINUED.

HIGH SCHOOL.	INSTRUCTORS, 1899-1900.	BRANCHES TAUGHT.
Hampton.....	Lenna Prater, Prin..... Clara McDaniel..... Edna Sweet..... Mary C. Rolfs..... R. G. Miller..... G. A. Bateman..... Alice Sudlow, Prin..... Gertrude E. Preston..... John J. Louis..... Miss Outwater..... Elizabeth Wyland..... E. S. White..... C. H. Brake, Prin.....	Alg., Geom. Am. Lit., Eng. Lit., Gen. Hist., Rhet., Eng. Hist. Latin, Word Anal. Arith., Botany, Eng. Gram., Physics, Phys. Geog., Physiology, Astronomy, U. S. Hist. Bookkeeping. Pol. Economy, Civics. Latin. Alg., Botany, Geom., Physics. Alg., Eng. Lit., German, Gen. Hist., Rhet. Music, Drawing. Alg., Gen. Hist., Latin, Rhet. Lit., Civics. Alg., Arith., Geom., Geog., Phys. Geog., Economics.
Harlan.....	B. T. Green..... J. H. Orcutt.....	Bookkeeping, Botany, Gen. Hist., Pen- manship, Physics, Physiology, Prin- cipal Business Dept. Am. Lit., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Eng. Lit., Hist. U. S., Rhet., Word Anal., Methods.
Hawarden.....	George L. Matson, Prin..... Mary W. Bryant.....	Alg., Arith., Bookkeeping, Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Draw- ing, Gen. Hist., Hist. U. S., Music, Penmanship, Physics, Geog., Physiol- ogy. Am. Lit., Eng. Gram., Eng. Lit., Ger- man, Geom., Latin, Physics, Geog., Rhet., Word Anal.
Hedrick.....	Etta Grice, Prin..... R. E. Towle..... Gretta Starrett..... Ida Grove..... E. T. Sheppard, Prin..... Nellie Ffbs..... L. P. Sorenson..... Thomas B. Hutton..... J. W. Radebaugh, Prin..... Lida Hodge..... Belle M. Hastie..... Sherman Anderson..... Clara M. Travis, Prin..... Emma L. Funk..... Lilly P. Soener..... Mabel E. Gillett..... Mrs. J. L. Buechele..... J. L. Buechele..... F. C. Ensign, Prin..... S. K. Stevenson..... Libbie Lodwick..... Mrs. Margaret Cooper..... Evangeline Rankin..... Amy Zimmerman..... P. C. Myers..... C. H. Bailey..... Clementine Otto..... Letitia Grogan.....	Alg., Arith., Bookkeeping, Botany, Geom., Rhet. Am. Lit., Chemistry, Eng. Lit., Latin, Phys. Geog., Physiology. Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Hist., German, Gen. Hist., Hist. U. S. Eng. Gram., Latin, Physics, Rhet. Alg., Arith., Bookkeeping, Geom. Am. Lit., Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Gen. Hist., Physics, Phys. Geog., Physiology. Eng. Lit., Geom., Hist. U. S. Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Latin, Physics, Phys. Geog., Physiology, Word Anal., Zoology, Political Economy. Alg., Arith., Bookkeeping, Gen. Hist., Geom., Rhet., Astronomy. Eng. Gram., Eng. Lit., Rhet. Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Hist. U. S. Alg., Arith., Botany, Eng. Lit., Geom., Music, Physics. Latin, Rhetoricals. Com. Arith., Bookkeeping, Com. Law, Shorthand, Typewriting. Alg., Am. Lit., Arith., Gen. Hist., Phys. Geog., Physiology. Eng. Gram., Rhetoric. U. S. Hist., Civics, Political Economy. Arith., Bookkeeping, Geom., Latin, Civ. Govt. Iowa, Civ. Govt. U. S., Poli- tical Economy. Latin. Alg., Gen. Hist. Am. Lit., Eng. Lit., Gen. Hist., Hist. U. S., Eng. Hist. Rhet., Word Anal. Botany, Chemistry, Phys. Geog., Physi- ology. Physics, Manual Training. Drawing, German. Music.
Humboldt.....	Ida Grove.....	Alg., Arith., Bookkeeping, Botany, Geom., Rhet.
Indianola.....	Thomas B. Hutton..... J. W. Radebaugh, Prin..... Lida Hodge..... Belle M. Hastie..... Sherman Anderson..... Clara M. Travis, Prin..... Emma L. Funk..... Lilly P. Soener..... Mabel E. Gillett..... Mrs. J. L. Buechele..... J. L. Buechele..... F. C. Ensign, Prin..... S. K. Stevenson..... Libbie Lodwick..... Mrs. Margaret Cooper..... Evangeline Rankin..... Amy Zimmerman..... P. C. Myers..... C. H. Bailey..... Clementine Otto..... Letitia Grogan.....	Eng. Lit., Geom., Hist. U. S. Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Latin, Physics, Phys. Geog., Physiology, Word Anal., Zoology, Political Economy. Alg., Arith., Bookkeeping, Gen. Hist., Geom., Rhet., Astronomy. Eng. Gram., Eng. Lit., Rhet. Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Hist. U. S. Alg., Arith., Botany, Eng. Lit., Geom., Music, Physics. Latin, Rhetoricals. Com. Arith., Bookkeeping, Com. Law, Shorthand, Typewriting. Alg., Am. Lit., Arith., Gen. Hist., Phys. Geog., Physiology. Eng. Gram., Rhetoric. U. S. Hist., Civics, Political Economy. Arith., Bookkeeping, Geom., Latin, Civ. Govt. Iowa, Civ. Govt. U. S., Poli- tical Economy. Latin. Alg., Gen. Hist. Am. Lit., Eng. Lit., Gen. Hist., Hist. U. S., Eng. Hist. Rhet., Word Anal. Botany, Chemistry, Phys. Geog., Physi- ology. Physics, Manual Training. Drawing, German. Music.
Independence.....	Clara M. Travis, Prin..... Emma L. Funk..... Lilly P. Soener..... Mabel E. Gillett..... Mrs. J. L. Buechele..... J. L. Buechele..... F. C. Ensign, Prin..... S. K. Stevenson..... Libbie Lodwick..... Mrs. Margaret Cooper..... Evangeline Rankin..... Amy Zimmerman..... P. C. Myers..... C. H. Bailey..... Clementine Otto..... Letitia Grogan.....	Alg., Arith., Botany, Eng. Lit., Geom., Music, Physics. Latin, Rhetoricals. Com. Arith., Bookkeeping, Com. Law, Shorthand, Typewriting. Alg., Am. Lit., Arith., Gen. Hist., Phys. Geog., Physiology. Eng. Gram., Rhetoric. U. S. Hist., Civics, Political Economy. Arith., Bookkeeping, Geom., Latin, Civ. Govt. Iowa, Civ. Govt. U. S., Poli- tical Economy. Latin. Alg., Gen. Hist. Am. Lit., Eng. Lit., Gen. Hist., Hist. U. S., Eng. Hist. Rhet., Word Anal. Botany, Chemistry, Phys. Geog., Physi- ology. Physics, Manual Training. Drawing, German. Music.
Iowa City.....	Libbie Lodwick..... Mrs. Margaret Cooper..... Evangeline Rankin..... Amy Zimmerman..... P. C. Myers..... C. H. Bailey..... Clementine Otto..... Letitia Grogan.....	Latin. Alg., Gen. Hist. Am. Lit., Eng. Lit., Gen. Hist., Hist. U. S., Eng. Hist. Rhet., Word Anal. Botany, Chemistry, Phys. Geog., Physi- ology. Physics, Manual Training. Drawing, German. Music.

HIGH SCHOOL STATISTICS—CONTINUED.

HIGH SCHOOL.	INSTRUCTORS, 1899-1900.	BRANCHES TAUGHT.
Iowa Falls.....	Mrs. Anna L. Burdick, Prin. Maude St. John..... Katherine B. Barber..... Alice Clark..... L. Hezzelwood..... Mrs. E. B. Wilson, Prin.....	Am. Lit., Eng. Lit., Latin, Physics. Alg., Arith., Botany, Civ. Govt., Geol., Geom., Physiology, Zoology. Eng. Gram., Gen. Hist., Hist. U. S., Phys. Geog., Rhet., Word Anal., Eng. Hist., and all classes in English. Arithmetic. Bookkeeping, Pol. Econ.
Jefferson.....	L. B. Carlisle..... Elizabeth Macy..... LeRoy Barton.....	Alg., Am. Lit., Eng. Gram., Eng. Lit., Gen. Hist., Latin, Geog., Rhet. Civ. Govt. Iowa, Civ. Govt. U. S., Hist. U. S., Latin, Pol. Econ., Psychology. Alg., Arith., Botany, Geom., Physics, Phys. Geog., Physiology.
Keokuk.....	Geo. E. Marshall, Prin. Jesse Benjamin..... Florence Backus..... Harriet E. Solomon..... Elizabeth Bils..... Bertha E. Craig..... Elizabeth Ballard..... W. H. H. Hegeman.....	Botany, Chemistry, Geol., Physics, Phys. Geog., Physiology, Astronomy, Latin. Alg., Geom. Am. Lit., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Rhet. Gen. Hist., Greek History, Roman His- tory, German. Geol., Instructs in Chemical and Phys- ical Laboratories.
Keosauqua.....	David Williams, Prin..... L. C. Reem..... Daisy Haney.....	Alg., Arith., Bookkeeping, Civ. Govt. Iowa, Eng. Gram., Gen. Hist., Geom., History United States, Latin, Pen- manship, Physics, Physiology, Word Anal. Alg., Am. Lit., Botany, Civ. Govt. U. S., Eng. Gram., Latin, Rhet., Word Anal. Am. Lit., Eng. Lit., Hist. U. S., Phys. Geog.
Knoxville.....	Howard E. Simpson, Prin..... Harlan Updegraff..... Fannie B. Long..... Walter D. Baker..... Ada L. Newell..... Flora Hagler, Prin..... W. H. Brown..... Ella Hough.....	Commercial Arith., Bookkeeping, Geol., Phys. Geog., Ancient History, Med. and Mod. History. Civ. Govt. U. S., Eng. Lit., Rhet., Polit- ical Economy, Didactics. Am. Lit., History U. S., Latin, Word Anal., Eng. History. Alg., Botany, Chemistry, Geom., Physics, Physiology, Mental Arith., Trig- onometry. Drawing, Writing, Music. Alg., Arith., Bookkeeping, Drawing, Penmanship, Latin, German. Arith., Botany, Chemistry, Eng. Gram., Eng. Lit., Geol., Word Anal., Psy- chology, Political Economy. Am. Lit., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Gen. Hist., Geol., Geom., Hist. U. S., Music, Penmanship, Physics, Phys. Geog., Physiology, Rhet.
Lamoni.....	Mae Strong..... Geo. N. Briggs, Prin..... La June Howard.....	Music. Alg., Arith., Bookkeeping, Gen. Hist., Geom., Latin, Phys. Geog., Word Anal., Political Economy. Am. Lit., Arith., Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Eng. Lit., Hist. U. S., Physics, Phys- iology, Rhet., Composition.
Lansing.....	J. B. Kneepfer, Prin..... Jessie B. Hudson.....	Arith., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., German, Word Anal., Composition. Alg., Am. Lit., Botany, Eng. Gram., Eng. Lit., Gen. Hist., Geom., Hist. U. S., Physics, Phys. Geog., Rhet.
La Porte City....	H. B. Lizer, Prin.....	Alg., Arith., Bookkeeping, Drawing, Geom., Physics, Physiology, Political Economy.

HIGH SCHOOL STATISTICS—CONTINUED.

HIGH SCHOOL.	INSTRUCTORS, 1899-1900.	BRANCHES TAUGHT.
Le Mars.....	Mrs. H. B. Lizer..... Margaret McQuilkin..... E. N. Coleman, Prin..... Anne W. Evans..... Ellen M. Parker..... Emily L. Peck..... Jessie L. Craig..... Elizabeth Kelsey..... Harriet Merritt..... Sam L. Darrab, Prin..... Mamie Allen..... Margaret Young..... J. Peasley, Prin..... Miss Marsh..... Miss Jennings..... J. R. Bowman, Prin..... Lulu Newcomb..... C. H. Anthony..... Mr. Rosenberger..... O. H. Brainerd..... J. B. Morris, Prin..... Mae Miller..... A. J. Jones..... R. W. Wood, Prin..... Irene Stiles..... Elizabeth Cheney..... Irene Jones..... Jessie Hastings..... J. J. McMahon, Prin..... A. C. Fuller.....	Alg., Am. Lit., Civ. Govt. Iowa, Civ. Govt. U. S., Drawing, Eng. Gram., Eng. Lit., Gen. Hist., Hist. U. S., Rhet., Word Anal. Arith., Eng. Gram., Hist. U. S., Latin, Music, Phys. Geog., Physiology. Eng. Lit., German, Latin, Penmanship, Word Anal., Effects of Stimulants and Narcotics. Alg., Am. Lit., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., German, Geom., Hist. U. S., Latin, Penmanship, Phys- ics, Word Anal., Effects of Stimulants and Narcotics. Alg., Am. Lit., Arith., Bookkeeping, Geom., Latin, Penmanship, Rhet., Word Anal., Effects of Stimulants and Narcotics. Alg., Am. Lit., Eng. Gram., Gen. Hist., Hist. U. S., Latin, Penmanship, Rhet., Word Anal., Effects of Stimulants and Narcotics. Alg., Gen. Hist., Latin, Penmanship, Word Anal., Effects of Stimulants and Narcotics. Alg., Gen. Hist., Latin, Penmanship, Word Anal., Effects of Stimulants and Narcotics. Alg., Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Geom., Physics, Political Economy. Alg., Am. Lit., Bookkeeping, Eng. Gram., Eng. Lit., Gen. Hist., Hist. U. S., Latin. Arith., Botany, Latin, Phys. Geog., Rhet., Word Anal., Zoology. Am. Lit., Botany, Eng. Gram., Eng. Lit., Geom., Geom., Latin, Music, Penman- ship, Physics, Political Economy. Alg., Arith., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Gen. Hist., Phys. Geog., Physiology, Rhet. Arith., Hist. U. S., Latin, Music. Botany, Chemistry, Hist. U. S., Physics, Phys. Geog., Rhet., Word Anal. Alg., Gen. Hist., Geom. Alg., Arith., Bookkeeping, Geom., Phys- iology, German. Music, Latin, Civil Government. Am. Lit., Chemistry, Eng. Lit., Geol., Geom., Latin, Physics, Zoology, As- tronomy. Alg., Arith., Bookkeeping, Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Gen. Hist., Hist. U. S., Pen- manship, Physiology, Rhet. Alg., Am. Lit., Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Eng. Lit., Gen. Hist., Hist. U. S., Music, Penmanship, Phys. Geog., Physiol- ogy. Latin. Am. Lit., Botany, Eng. Lit., Geol., Physics, Rhet. Alg., Eng. Gram., German. Gen. Hist., Geom., Phys. Geog., Pol. Economy. Alg., Am. Lit., Arith., Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Eng. Lit., Gen. Hist., Hist. U. S., Rhet. Alg., Drawing, Geom., Latin, Music Penmanship, Physics, Phys. Geog., Physiology, Astron., Trigonometry

HIGH SCHOOL STATISTICS—CONTINUED.

HIGH SCHOOL.	INSTRUCTORS, 1899-1900.	BRANCHES TAUGHT.
Mapleton.....	Emma Truman, Prin..... H. H. Hahn.....	Alg., Am. Lit., Arith., Eng. Gram., Eng. Lit., Gen. Hist., Latin, Phys. Geog., Physiology, Rhet., Word Anal. Alg., Arith., Bookkeeping, Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Drawing, Geom., Hist. U. S., Latin, Penmanship, Physics.
Maquoketa.....	C. C. Dudley, Prin..... Mary V. Wynkoop..... Marjorie Millikan..... Caladonia Arnold.....	Alg., Arith., German, Geol., Geom., Physics. Alg., Botany, Drawing, Latin, Music. Am. Lit., Eng. Lit., German, Geom., Rhet., Word Anal., Zoology. Alg., Arith., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Gen. Hist., Phys. Geog.
	Clara Dodd.....	Alg., Arith., Eng. Gram., Phys. Geog., Civ. Govt. Iowa, Civ. Govt. U. S., Physiology.
Marengo.....	O. H. Carson, Prin..... Anna O. Temple..... O. P. Johnston..... Ella B. Curtis.....	Latin. Alg., Am. Lit., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Gen. Hist., Geom., Rhet. Botany, Chemistry, German, Physics, Phys. Geog. Am. Lit., Arith., Civ. Govt. Iowa, Eng. Gram., Hist. U. S., Latin, Physiology, English Comp., Des. Geog.
McGregor.....	Lulu Pigman..... Josephine V. Harrison, Prin..... Esther L. Bissell.....	Drawing, Penmanship Alg., Arith., Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Geom., Latin, Eng. Lit., Gen. Hist., Geol., Latin, Phys. Geog., Rhet., Word Anal.
Marion.....	J. N. Dahm..... Lizza R. Marshall, Prin..... Ada J. Miller..... Anna Singer.....	German, Latin, Physics. Alg., Latin. Am. Lit., Eng. Lit., Rhet., Word Anal. Am. Lit., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., German, Physiology.
	Lilla Titus..... Arthur Jayne..... John R. Bagley..... J. J. Dofflemeyer..... J. S. McCowan, Prin..... Harriet Sayers..... Esther Spencer..... Anna Lane..... F. L. Barker..... Mary Blount.....	Alg., Am. Lit., Gen. Hist. Arith., Geol., Geom. Bookkeeping, Music, Penmanship. Geol., Physics, U. S. Hist. Am. Hist., Pol. Econ. Eng. Lit., German. Latin. Gen. Hist. Chemistry, Physics. Alg., Botany, Phys. Geog., Physiology, Zoology.
Marshalltown.....	Elizabeth Wyant..... Etta M. Hunter..... J. F. Reed..... Kathryn Morgan..... Hattie Perkins.....	Am. Lit., Eng. Lit., Latin, Rhet. Arith., Eng. Lit., Geom. Alg., Arith., Bookkeeping. Alg., Arith., Eng. Lit. Eng. Lit., Hist. U. S.
Mason City.....	A. R. Sale, Prin..... A. C. Lyon..... Anna D. Fay..... Margaret Jones..... May Parker..... Merle Marine..... Nelle Hanlon..... Mary Farrell..... Effe Harmon..... F. A. Naramore..... Emma C. De Groff, Prin.....	Am. Lit., Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Eng. Lit. Eng. Lit., German, Latin. Alg., Geom., Physics. Alg., Am. Lit., Latin. Botany, Gen. Hist., Phys. Geog., Physiology, Rhet. Alg., Arith., Arith., Eng. Gram., Eng. Lit., Zoology. Am. Lit., Arith., Eng. Gram., Eng. Lit., Physiology, Rhet. Drawing, Music. Manual Training. Alg., Am. Lit., Eng. Lit., Hist. U. S., Rhet., Ancient Hist.
Missouri Valley..	Dora Bagley..... L. Weld..... A. B. Warner.....	Am. Lit., Drawing, German, Latin, Eng. Hist. Alg., Botany, Chemistry, German, Geom., Physics, Phys. Geog. Civ. Govt. Iowa, Civ. Govt. U. S., Music.

HIGH SCHOOL STATISTICS—CONTINUED.

HIGH SCHOOL.	INSTRUCTORS, 1899-1900.	BRANCHES TAUGHT.
Montezuma.....	Ida J. McKee, Prin..... S. C. Dickinson..... Anna Kierulff.....	Alg., Arith., Drawing, Eng. Gram., Hist. U. S., Penmanship. Bookkeeping, Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Gen. Hist., Geom., Hist. U. S., Music, Physics, Phys. Geog., Physiology, Political Econ. Alg., Am. Lit., Eng. Lit., Latin, Rhet., Word Anal.
Monticello.....	Mary I. Jarman, Prin..... O. K. Scroggie..... Mary M. Marvin.....	Alg., Latin, Rhet., Word Anal. Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Geom., Physics. Am. Lit., Botany., Eng. Gram., Eng. Lit., Geol., Hist. U. S., Phys. Geog., Arith.
Moulton.....	A. L. Lyon, Prin..... W. L. Cochrane.....	Alg., Am. Lit., Arith., Bookkeeping, Civ. Govt. U. S., Eng. Gram., Gen. Hist., Geom., Hist. U. S., Latin, Physiology, Rhet.
	L. H. Maus, Prin..... Chas. Sutherland..... Jennie Riggs..... Etta Elghmy..... Lida A. Pittman, Prin..... S. T. Walker..... Mary E. Randall.....	Higher Arith., Botany, Chemistry, Eng. Lit., Geol., Latin, Physics, Phys. Geog. Botany, Chemistry, Civ. Govt. Iowa, Civ. Govt. U. S., Hist. U. S., Physics, Phys. Geog., Physiology. Alg., Am. Lit., Arith., Bookkeeping, Gen. Hist., Geol., Geom. Eng. Gram., Eng. Lit., Latin, Rhet., Word Anal. Music. Alg., Eng. Lit., Gen. Hist., Geom., Eng. Hist. Alg., Botany, Geom. German, Latin, Rhet., Word Anal., Eng. Composition.
Mt. Pleasant....	Mt. Vernon.....	Am. Lit., Botany, Latin, Phys. Geog., Zoology. Arith., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Gen. Hist., Geom., Physics, Physiology, Rhet.
Muscataine.....	Kate Rush..... E. F. Schall, Prin..... Emma F. Underwood..... Leona E. Howe..... Mary E. Whlcher..... Mary Ryan..... Ellen H. Nealey..... R. M. Tait, Prin.....	Drawing. Latin. Alg., Arith., Geom. Civ. Govt. U. S., Eng. Gram., Gen. Hist., Geol., Hist. U. S. Am. Lit., Bookkeeping, Eng. Lit., Latin, Rhet., Word Anal. German. Alg., Botany, Chemistry, Physics. Alg., Arith., Bookkeeping, Civ. Govt. U. S., Gen. Hist., Geom., Latin, Phys. Geog., Rhet.
Mystic.....	Anna Anderson.....	Alg., Am. Lit., Civ. Govt. Iowa, Eng. Gram., Hist. U. S., Physiology, Word Anal.
Nashua.....	C. J. Trumbauer, Prin..... Linna Huffman..... Olive May Luther..... Chloris Anderson.....	Alg., Arith., Bookkeeping, Chemistry, Civ. Govt. Iowa, Civ. Govt. U. S., Geol., Geom., Latin, Music, Physics, Phys. Geog. Am. Lit., Botany, Eng. Lit., German, Rhet., Word Anal. Alg., Eng. Gram., Gen. Hist., Geom. Alg., Arith., Bookkeeping, Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Hist. U. S., Penmanship, Physiology.
Nevada.....	Anna Batman, Prin..... Libbie Hicker..... John R. Larson..... H. G. Lamson..... Ida Danklu..... Cora Thompson..... Henrietta M. Holmes, Prin..... Annie M. Walker.....	Alg., Eng. Lit., Geom., Phys. Geog. Am. Lit., Botany, Gen. Hist., Latin, Rhet., Word Anal. Alg., Am. Lit., Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Hist. U. S., Physiology, Word Anal. Latin, Physics. Music. Drawing. Alg., Latin, Eng. Hist. Botany, Geom., Physics, Phys. Geog., Physiology, Zoology.

HIGH SCHOOL STATISTICS—CONTINUED.

HIGH SCHOOL.	INSTRUCTORS, 1899-1900.	BRANCHES TAUGHT.
New Hampton	Amos R. Ferguson..... Isabelle E. Powers..... Fred D. Merritt.....	Alg., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Am. Lit., Eng. Gram., Eng. Lit., Rhet., Word Anal. Constitutional History, General His- tory, Political Economy, Geology.
New Sharon	E. J. Leonard, Prin.....	Alg., Am. Lit., Bookkeeping, Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Eng. Lit., Gen. Hist., Hist. U. S., Phys. Geog., Rhet., Word Anal.
Newton	J. W. Graham..... E. J. H. Beard, Prin..... Vesta Beard..... Minnie B. King.....	Arith., English, Geom., Latin, Physics. Bookkeeping, Botany, Chemistry, Latin, Physics. Alg., Arith., Eng. Gram., Eng. Lit., Gen. Hist., Latin, Phys. Geog., Physiology. Alg., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Gen. Hist., Geol., Geom., Physiology, Rhet.
Northwood	E. M. Mitchell, Prin..... Fanny Qualfe.....	Alg., Botany, Civ. Govt. Iowa, Civ. Govt. U. S., German, Gen. Hist., Geom., Hist. U. S., Physics. Alg., Am. Lit., Arith., Bookkeeping, Eng. Lit., Latin, Physics, Phys. Geog., Rhet., Word Anal.
Oakdale	Mrs. Zoe W. SeEVERS, Prin..... George C. Dickson.....	Am. Lit., Eng. Gram., Eng. Lit., Gen. Hist., Latin, Rhet., Word Anal. Alg., Botany, Chemistry, Civ. Govt. Iowa, Civ. Govt. U. S., Gen. Hist., Physics, Phys. Geog., Physiology.
Oak Park	J. A. Goodrich, Prin..... Mrs. M. M. Butler..... Ralph Budd..... Gertrude Carey.....	Bookkeeping, Eng. Gram., Latin. Am. Lit., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Gen. Hist., Hist. U. S., Rhet., Word Anal. Alg., Arith., Botany, Geom., Physics, Phys. Geog., Physiology, Astronomy, Music.
Odebolt	Chas. H. Kamphoefner, Prin..... Mae E. Morris.....	Alg., Arith., Botany, Chemistry, Civ. Govt. U. S., Eng. Gram., Gen. Hist., Geom., Hist. U. S., Physics, Phys. Geog., Physiology.
Oelwein	L. B. Moffett, Prin..... Nora L. Huddy..... Lizzie O'Neel.....	Alg., Arith., Bookkeeping, Civ. Govt. Iowa, Eng. Gram., Latin, Physi- ology, Rhet., Word Anal. Latin, Physics. Alg., Am. Lit., Botany, Eng. Gram., Eng. Lit., Phys. Geog., Physiology, Rhet., Word Anal.
Onawa	A. F. Styles, Prin..... Mary E. Rice..... Eva E. Buckley.....	Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Gen. Hist., Geom., Hist. U. S. Alg., Arith., Bookkeeping, Geom., Physics, Political Economy. Arith., Botany, Gen. Hist., Latin, Music, Phys. Geog.
Orange City	Sue H. Reece, Prin..... T. E. Diamond..... O. W. Herr..... Phillip Foulon.....	Am. Lit., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Eng. Lit., Hist. U. S., Phys. Geog., Physiology, Rhet. Am. Lit., German, Geol., Latin, Physi- ology, Rhet., Zoology. Am. Lit., Arith., Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Gen. Hist., Hist. U. S., Physics, Phys. Geog.
Osage	George H. Sawyer, Prin..... George Chandler..... Cora Johnson.....	Bookkeeping, Eng. Lit., Geom. Music. Arith., Gen. Hist., Hist. U. S., Latin, Physics, Physiology, Rhet. Bookkeeping, Botany, Eng. Gram., Geom., Hist. U. S., Latin. Alg., Am. Lit., Arith., Eng. Lit., Gen. Hist., Latin, Phys. Geog., Physi- ology, Rhet.

HIGH SCHOOL STATISTICS—CONTINUED.

HIGH SCHOOL.	INSTRUCTORS, 1899-1900.	BRANCHES TAUGHT.
Osage	Sustie Hemenway..... Emma Slater.....	Alg., Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Gen. Hist., Latin, Phys. Geog., Physiology, Rhet., Word Anal. Latin, Eng. Lit., Am. Lit., Rhet., Ap- plied English.
Osceola	Alice Dilley, Prin..... I. N. Beard..... Margaret Glichrist..... Eliza Mitchell.....	Chemistry, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Gen. Hist., Latin. Alg., Bookkeeping, Geom., Physics. Alg., Am. Lit., Botany, Geol., Geom., Phys. Geog., Rhet. Arith., Eng. Gram., Latin, Phys. Geog., Physiology, Word Anal.
Oskaloosa	O. E. Dixon, Prin..... Mae J. Evans..... Anna Shepherd..... Eda Haskell..... Mrs. I. L. Carver..... Luella Simmonds..... Katherine Gunn..... Mabel Emerick..... Milo Hunt.....	Geometry. Am. Lit., Eng. Lit., German. Latin. Gen. Hist., Eng. Lessons. Algebra. Chemistry, Hist. U. S., Physics. Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Phys. Geog. Botany, Geol., Phys. Geog., Physiology, Zoology, Orthography. Alg., Bus. Arith., Bookkeeping, Orthog- raphy.
Ottumwa	Eugene C. Peirce, Prin..... Etta M. Bardell..... Edna I. Ailyn..... Helen Elliott..... Frances Mills..... Lulu C. Vondersaar..... Emma S. Nye..... Carolyn L. Moss..... Harriet Hyde..... Georgetta Fisher..... Halsey French..... Calla Marie Hand..... Mrs. Frances Elliott Clark..... Laura George..... Ida F. Lydig, Prin.....	Arith., Latin Botany, Physiology, Zoology. Latin. Arith., Geom., Hist. U. S. Am. Lit., Eng. Gram., Eng. Lit., Rhet. German, Gen. Hist. Am. Lit., Eng. Gram., Eng. Lit., Rhet. Geom., Latin. Algebra. Phys. Geog. Chemistry, Physics. Eng. Hist. Music. Drawing. Am. Lit., Botany, Eng. Gram., Eng. Lit., Latin, Physiology, Rhet.
Parkersburg	W. F. Barr..... P. B. Ramson.....	Alg., Arith., Gen. Hist., Penmanship, Physics. Alg., Civ. Govt. Iowa, Civ. Govt. U. S., Geom., Hist. U. S., Music.
Pella	Carrie Edmand, Prin..... W. H. Lyon..... May E. Mals.....	Am. Lit., Botany, Eng. Lit., Gen. Hist., Hist. U. S., Latin, Physiology, Rhet. Alg., Geom., Physics. Alg., Arith., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Physics, Phys. Geog., Word Anal.
Perry	Edith McGee, Prin..... L. A. Blezek..... Agnes Hightshoe..... Sadie Moore.....	Am. Lit., Eng. Lit., Gen. Hist., Latin, Physics. Alg., Arith., Botany, Geom., Phys. Geog., Physiology, Zoology. Alg., Arith., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Hist. U. S., Physiology, Rhet., Comp.
Red Oak	Mary Kelley..... E. U. Graff, Prin..... Emma C. Moulton..... Katharine Mellick..... J. E. Pearson..... R. B. Campbell..... Belle Foss..... Elizabeth Shipman..... Miss Stone..... J. J. Moser, Prin.....	Alg., Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Physiology, Polit- ical Economy. Latin, Greek. Civ. Govt. Iowa, Civ. Govt. U. S., Gen. Hist., Hist. U. S., Greek and Rom. Hist., Eng. Hist. Am. Lit., Eng. Gram., Eng. Lit., Rhet., Word Anal. Alg., Arith., Geom., Trigonometry. Botany, Chemistry, Geol., Physics, Phys. Geog., Physiology. Alg., Arith., Bookkeeping, Eng. Gram., Latin, Word Anal., Comm'l Law, Music. Drawing. Geom., Physics, Economics, Cicero, Latin Prose.

HIGH SCHOOL STATISTICS—CONTINUED.

HIGH SCHOOL.	INSTRUCTORS, 1899-1900.	BRANCHES TAUGHT.
Reinbeck	Anna Bernard..... T. R. Hamlin.....	Alg. Am. Lit., Botany, Eng. Lit., Latin, Physiology, Rhet. Arith., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Gen. Hist., Hist. U. S., Phys. Geog.
Rockford	J. C. Sanders, Prin. C. L. Love..... F. A. Poots.....	Alg. Am. Lit., Bookkeeping, Botany, Eng. Lit., German, Geom., Latin, Music, Physics, Phys. Geog., Rhet., Astronomy. Alg. Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Gen. Hist., Hist. U. S., Latin, Arith., Eng. Gram., Hist. U. S., Latin, Physiology, Word Anal.
Rock Rapids.....	Antonie J. Stober, Prin. Helen M. Wolf..... Florence Graham..... W. S. Wilson..... W. H. Jackson..... J. N. Hamilton, Prin.....	German, Gen. Hist., Latin. Alg. Arith., Botany, Geol., Geom., Physics, Phys. Geog. Am. Lit., Drawing, Eng. Gram., Eng. Lit., Hist. U. S., Penmanship, Rhet., Word Anal. Alg. Arith., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S. Music. Alg. Am. Lit., Arith., Bookkeeping, Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Eng. Lit., Gen. Hist., Geol., Geom., Hist. U. S., Latin, Physics, Phys. Geog., Rhet., Zoology, Economics.
Sac City.....	Verna Lumpkin.....	Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Drawing, Eng. Gram., Hist. U. S., Penmanship, Physiology, Word Anal.
Sanborn	Fannie Mowry, Prin..... Fred Grafleman..... W. B. Thornburgh, Prin.....	Am. Lit., Botany, Eng. Lit., Gen. Hist., Hist. U. S., Latin, Phys. Geog., Rhet., Physiology, Hist. U. S., Arith. Am. Lit., Eng. Gram., Eng. Lit., Gen. Hist., Geom., Latin, Music, Penmanship, Word Anal.
Seymour	S. M. Kirkland	Alg. Arith., Bookkeeping, Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Hist. U. S., Penmanship, Physics, Phys. Geog., Physiology, Rhet., Word Anal.
Sheldon	Nellie Jones, Prin..... H. G. Mitchell..... W. A. Blackwell..... Mrs. E. Freeman..... Mrs. Nellie M. Syverson..... Nina Oldham.....	Alg., Botany, Geol., Geom. Botany, Physics, Phys. Geog., Physiology. Bookkeeping. Am. Lit., Arith., Eng. Gram., Eng. Lit., Hist. U. S., Rhet. Latin, Greek. Civ. Govt. Iowa, Civ. Govt. U. S., Gen. Hist.
Shenandoah.....	Lizzie Marley, Prin..... Lora Hagler..... Luella Read..... Louise Moulton..... Mary Stimson..... O. E. Smith..... W. P. Johnson, Prin..... Mary McCullum..... Hattie Sawyer.....	Am. Lit., Eng. Gram., Eng. Lit., Gen. Hist., Rhet. Alg. Arith., Geom. Latin, Zoology. Botany, Chemistry, Geol., Physics, Phys. Geog., Physiology, Rhet. Bookkeeping, Penmanship. Pol. Economy, Civ. Govt. Alg. Arith., Bookkeeping, Drawing, Gen. Hist., Geol., Geom., Physics. Am. Lit., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Hist. U. S., Latin. Botany, Drawing, Eng. Gram., Geom., Penmanship, Phys. Geog., Rhet. Am. Lit., Botany, Eng. Gram., Eng. Lit., Gen. Hist., Geol., Phys. Geog., Physiology, Word Anal., Pol. Hist. U. S.
Sigourney.....	Florence R. Marshall, Prin. J. F. Riggs.....	Alg. Arith., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Physics.
Sioux City.....	Gertrude E. Norris..... W. H. Turnbull, Prin..... J. A. Dudley..... Charlotte Burgess..... Ella M. Ham..... Kate D. Bucknam.....	Alg. Geom., Latin, Rhet. Latin, Greek. Botany, Physics. Eng. Lit. Latin. Hist.—Roman and English.

HIGH SCHOOL STATISTICS—CONTINUED.

HIGH SCHOOL.	INSTRUCTORS, 1899-1900.	BRANCHES TAUGHT.
Sioux City.....	Bertha M. Blum..... Corra Brotherton..... Helen F. Clute..... Gertrude W. Oawley..... Frances M. Cobb..... Willis Marshall..... J. B. Becher..... Ellen C. Green..... F. M. Harding..... H. W. Storia.....	German, Physiology. Eng. Lit., Rhet., Eng. Composition. Am. Lit., Rhet., Eng. Composition. Latin. Algebra. Alg. Geom. Chemistry, Geol., Astronomy. Hist. U. S., Latin, Hist. Greece. Bookkeeping, Civ. Govt. U. S., Pol. Econ., Commercial Law, Business Practice, Shorthand, Typewriting, Arith., Penmanship.
Spencer.....	H. C. Richardson, Prin..... F. E. Trigg..... Lillian M. Parker.....	Civ. Govt. U. S., Eng. Lit., Latin. Hist. U. S., Latin. Am. Lit., German, Gen. Hist., French Hist.
Spirit Lake.....	Bertha M. Spencer..... W. T. Davidson, Prin.....	Alg. Am. Lit., Arith., Geom., Physics. Alg. Arith., Bookkeeping, Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Physics, Phys. Geog., Physiology.
Storm Lake.....	Crystal Stair..... Clara R. Bamber, Prin..... J. H. O. Donoghue..... Emma Hagler..... Jean Mitchell.....	Am. Lit., Botany, Eng. Gram., Eng. Lit., Gen. Hist., Geom., Hist. U. S., Latin, Rhet., Word Anal. Alg. Am. Lit., Eng. Gram., Eng. Lit., Geom., Latin, Rhet. Botany, Chemistry, Geol., Physics. Alg. Arith., Bookkeeping, Gen. Hist., Hist. U. S., Latin. Alg. Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Hist. U. S., Phys. Geog., Physiology, Rhet., Word Anal.
Stuart	F. W. Lambert, Prin..... G. W. Bryan..... Mary Schell..... Mrs. McNichols..... Stanley F. Widener..... Thos. J. Durant, Prin.....	Am. Lit., Botany, Chemistry, Eng. Lit., Geol., Physics, Phys. Geog., Zoology, Astronomy. Alg. Bookkeeping, Geom., Higher Arith., Arith., Latin, Word Anal. Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Gen. Hist., Music, Rhet., Music.
Sumner.....	Thos. J. Durant, Prin.....	Alg. Am. Lit., Arith., Bookkeeping, Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Eng. Lit., Gen. Hist., Geol., Geom., Hist. U. S., Latin, Physics, Phys. Geog., Rhet., Word Anal.
Tama.....	Vernon Eggleston..... C. J. Brower, Prin..... R. B. Williamson..... Rose Hill.....	Arith., Eng. Gram., Hist. U. S., Penmanship, Phys. Geog., Physiology. Alg. Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Geom., Physics, Didactics. Bookkeeping, Gen. Hist., Latin, Phys. Geog. Am. Lit., Botany, Drawing, Eng. Gram., Eng. Lit., Music, Physiology, Rhet., Word Anal.
Tipton	R. B. Crone, Prin..... Clara A. Boss..... Bessie Harris.....	German, Physics, Physiology, Economics Am. Lit., Botany, Eng. Gram., Eng. Lit., Latin, Rhet. Alg. Arith., Bookkeeping, Civ. Govt. U. S., Gen. Hist., Geom., Hist. U. S.
Toledo.....	Lillian L. Smith, Prin..... J. B. Young..... L. W. Soth..... Mrs. E. F. Carpenter..... Nellie Hughes..... O. M. Elliott, Prin..... Esma Galt..... Ollie Dicklason.....	Alg. Arith., Geom., Physiology, Phys. Geog., Astronomy. Am. Lit., Eng. Lit., Gen. Hist. Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Latin, Pol. Economy. Alg. Arith., Geom., Rhet. Drawing, Music, Penmanship. Civ. Govt. Iowa, Civ. Govt. U. S., Physics, Political Economy. Alg. Am. Lit., Eng. Lit., Gen. Hist., Geom., Rhet. Bookkeeping, Botany, Eng. Gram., Hist. U. S., Latin, Phys. Geog., Physiology, Commercial Law.
Traer.....		

HIGH SCHOOL STATISTICS—CONTINUED.

HIGH SCHOOL.	INSTRUCTORS, 1899-1900.	BRANCHES TAUGHT.
Villisca.....	E. E. Frisk, Prin.....	Higher Arith, Botany, Chemistry, Civ., Govt. Iowa, Civ. Govt. U. S., Geol., Sol. Geom., Physics, Phys. Geog., Political Economy.
	Adel Sampson.....	Alg., Arith., Pl. Geom.
	Grace E. Tenney.....	Eng. Gram., German, Latin.
	Nellie I. Reed.....	Am. Lit., Eng. Gram., Eng. Lit., Hist. U. S., Rhet., Word Anal.
Vinton.....	Minnie E. Starr.....	Music, Gen. Hist.
	F. E. Palmer.....	Shakespeare, Bookkeeping.
	L. B. Parsons, Prin.....	Alg., Chemistry, Geol., Geom., Physics, Phys. Geog.
	F. H. Bloodgood.....	Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Hist. U. S., Pol. Economy.
	Mrs. Dora Shinn.....	Alg., Botany, Latin, Zoology.
	Ethel Golding.....	Am. Lit., Eng. Gram., Eng. Lit., Gen. Hist., Rhet.
Wapello.....	J. W. Cradler, Prin.....	Alg., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Penmanship, Physics, Elocution, Economics.
	Idah I. Bedford.....	Am. Lit., Eng. Lit., Gen. Hist., Latin, Rhet.
	Maud E. C. Miller.....	Arith., Bookkeeping, Eng. Gram., Hist. U. S., Penmanship, Phys. Geog., Physiology, Word Anal.
Washington.....	Lydia M. Thompson, Prin..	Latin, English.
	F. Whitney.....	Am. Lit., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Latin, Rhet., Word Anal.
	M. P. Emry.....	Am. Lit., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Gen. Hist., Rhet., Word Anal.
	Cora Porter.....	Algebra.
	Ella Woodford.....	Am. Lit., Eng. Gram., Eng. Lit., Physiology, Rhet., Word Anal.
Waterloo (west)...	Geo. H. Mullin.....	Geometry.
	Amy Boggs, Prin.....	Alg., Am. Lit., Arith., Eng. Lit., Geom., Latin, Polit. Economy.
	A. T. Hukill.....	Latin.
	Zulema Kootomlatsky.....	Botany, Chemistry, Hist. U. S., Physics, Geog., Physiology, Astronomy.
	Retta Wood.....	Civ. Govt. Iowa, Civ. Govt. U. S., Gen. Hist., Latin, Rhet.
Waukon.....	Mrs. Laura P. Couch.....	Word Anal., Reading and Rhetoricals.
	Mattie Holt.....	Music.
	J. F. Smith, Prin.....	Alg., Arith., Bookkeeping, Botany, Chemistry, Geol., Geom., Physics, Physiology, Polit. Economy.
	Carrie Barden.....	Am. Lit., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Eng. Lit., Gen. Hist., Hist. U. S., Latin.
Waverly.....	Tressa Faust.....	Phys. Geog., Rhet.
	Kate E. Sullivan, Prin.....	Alg., Arith., Geom.
	Cora E. Dorcas.....	German, Latin.
	Edith A. Hoagland.....	Am. Lit., Civ. Govt. U. S., Eng. Gram., Eng. Lit., Gen. Hist., Rhet.
	A. W. Merrill.....	Bookkeeping, Botany, Physics, Phys. Geog.
Webster City.....	Wilbur Sparks, Prin.....	Alg., Arith., Geom., Trigonometry.
	Lillian Crosley.....	Am. Lit., Eng. Lit., Rhet.
	Hope Tiffney.....	Latin.
	Sarah Wickware.....	Civ. Govt. Iowa, Civ. Govt. U. S., German, Gen. Hist., Hist. U. S., Word Anal.
	L. H. Ford.....	Greek and English Classics.
	R. H. Mueller.....	Physics, Chemistry, Grammar, Bookkeeping, Astronomy.
West Liberty....	Mrs. M. Woodbury.....	Music.
	Mary L. Phelps, Prin.....	Am. Lit., Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Gen. Hist., Latin, Rhet.
	Edith Brook.....	Alg., Botany, Gen. Hist., Latin, Phys. Geog., Rhet.
	S. T. Hill.....	Alg., Arith., Bookkeeping, Geom., Physics.

HIGH SCHOOL STATISTICS—CONTINUED.

HIGH SCHOOL.	INSTRUCTORS, 1899-1900.	BRANCHES TAUGHT.
West Liberty.....	Aurora Goodale.....	Arith., Eng. Gram., Hist. U. S., Penmanship, Physiology.
West Union.....	Grant E. Finch, Prin.....	Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Gram., Hist. U. S., Latin, Physics, Didactics.
	Gertrude Kaye.....	Alg., Am. Lit., Arith., Botany, Eng. Gram., Eng. Lit., Gen. Hist., Geom., Phys. Geog., Physiology, Rhet.
What Cheer.....	Cora McCormick, Prin.....	Alg., Arith., Bookkeeping, Botany, Chemistry, Civ. Govt. Iowa, Civ. Govt. U. S., Hist. U. S., Latin, Phys. Geog., Rhet., Word Anal.
	A. L. Shattuck.....	Alg., Am. Lit., Chemistry, Eng. Lit., Gen. Hist., Geom., Latin, Physics, Political Economy.
Whittemore.....	Jessie R. Wood.....	Latin, Physics.
	Lew Carrigan, Prin.....	Alg., Am. Lit., Arith., Bookkeeping, Botany, Eng. Lit., Gen. Hist., Geom., Hist. U. S., Penmanship, Phys. Geog., Physiology, Rhet., Word Anal., Didactics, Economics, Mental Arith.
	Ella Chloe Hough.....	Alg., Arith., Civ. Govt. Iowa, Civ. Govt. U. S., Drawing, Eng. Gram., Gen. Hist., Geom., Hist. U. S., Music, Physics, Rhet.
Williamsburg....	B. Francis, Prin.....	Arith., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Geom., Penmanship, Phys. Geog.
	Olara Pugh.....	Am. Lit., Arith., Botany, Eng. Gram., Eng. Lit., Gen. Hist., Hist. U. S., Physics, Rhet.
	Ella Jones.....	Alg., Geol., Latin, Word Anal.
Wilton.....	L. G. Focht, Prin.....	Alg., Arith., Bookkeeping, Chemistry, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Geom., Physics, Word Anal.
	Nellie Seymour.....	Am. Lit., Botany, Eng. Lit., Gen. Hist., Latin, Phys. Geog., Physiology.
Winterset.....	Grace Ott.....	Eng. Gram., Rhet.
	T. H. Stone, Prin.....	Physics.
	Vina Foresman.....	Alg., Am. Lit., Arith., Botany, Civ. Govt. Iowa, Civ. Govt. U. S., Eng. Lit., Geol., Geom., Phys. Geog., Word Anal.
	Bertha Dunlap.....	Bookkeeping, Gen. Hist., Latin, Rhet., Word Anal., Eng. Composition.
	M. A. Reed, Prin.....	Hist. U. S., English Grammar.
Woodbine Normal.....		Alg., Arith., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Pol. Economy.
	H. A. Kinney, Prin.....	Gen. Hist., Geom., Hist. U. S., Physics, Phys. Geog., Physiology, Methods of Teaching, Psychology, School Law.
	G. B. Rigg.....	Am. Lit., Arith., Botany, Drawing, Eng. Gram., Eng. Lit., Latin, Rhet., Word Anal., Geog.
	C. W. Pugsley.....	Arith., Bookkeeping, Penmanship, Shorthand, Typewriting, Commercial Law.
Wyoming.....	C. E. Stinson, Prin.....	Alg., Arith., Bookkeeping, Civ. Govt. Iowa, Civ. Govt. U. S., Gen. Hist., Geom., Hist. U. S., Music, Penmanship, Physics, Phys. Geog., Physiology, Zoology.
	Lynn Anderson.....	Am. Lit., Botany, Eng. Gram., Eng. Lit., Latin, Rhet., Word Anal., Physical Culture.

PERMANENT SCHOOL FUND.

Statement of the apportionment of the interest of the permanent school fund made by the auditor of state on the 4th day of September, A. D. 1899, as provided by sections 89 and 2847 of the code, on the basis of 16 24-100 cents for each youth in the county. The total amount of permanent school fund on the 1st day of January, 1899, was \$4,724,804.32, as shown below, upon which this apportionment was computed.

Table with columns: COUNTIES, Number of youth, Amount of permanent fund held by counties and state January 1, 1899, Amount of interest delinquent prior to January 1, 1899, Interest due as per section 2855 of the code, Total interest to be apportioned, Amount of interest apportioned, Warrant on revenue for deficiency, Excess payable to revenue.

PERMANENT SCHOOL FUND—CONTINUED.

Table with columns: COUNTIES, Number of youth, Amount of permanent fund held by counties and state January 1, 1899, Amount of interest delinquent prior to January 1, 1899, Interest due as per section 2855 of the code, Total interest to be apportioned, Amount of interest apportioned, Warrant on revenue for deficiency, Excess payable to revenue.

STATISTICS FROM CITIES

Having over 1,000

Table with columns: NAMES OF CITIES AND TOWNS, Population, 1886, Salary of superintendent, Salary of principal of high school, No. teachers necessary, No. teachers, graduates not including sup., No. of special teachers, Total school enrollment, Total enrollment for school year 1888-9, Total av. attendance for school year 1888-9, No school months in school year, Present assessed valuation of school district.

AND TOWNS - CONTINUED.

population in 1895.

Table with columns: Amount paid during the year for buildings, Bonded indebtedness paid during the year, Present bonded indebtedness of school district, Total expended for all purposes from Sept. 1898, to Sept. 1899, Number of schoolhouses, Value of buildings and sites, Value of apparatus, Number of volumes in libraries, Value of libraries, Number of kindergartens in kindergarten work, No. teachers employed in kindergarten, Est. v. r. y. av. cost 't x b' / s, Est. v. r. y. av. cost 't x b' / s only, pr. pupil avram. gr., Est. v. r. y. av. cost 't x b' / s only, pr. pupil H. S. gr.

STATISTICS FROM CITIES

Having over 1,000

Table with 22 columns: NAMES OF CITIES AND TOWNS., Population, census of 1886, Salary of superintendent, Salary of principal of high school, No. teachers necessary, No. teachers, graduates of our high school, No. of special teachers, Total salary paid special teachers, Av. salary paid all teachers, not including supt., Years in entire course of study, Total school enumeration -1899, Total enrollment for school year 1898-9, Total av. attendance for school year 1898-9, No school months in school year, Present assessed valuation of school district.

AND TOWNS-CONTINUED

population in 1895.

Table with 17 columns: Amt. certified for teachers' fund in spring of 1899, Amt. paid during the year for buildings, Bonded indebtedness paid during the year, Present bonded indebtedness of school district, Total expended for all purposes from Sept., 1898, to Sept., 1899, Number of schoolhouses, Value of buildings and sites, Value of apparatus, Number of volumes in libraries, Value of libraries, Number of kindergartens, No. teachers employed in kindergarten work, Est. yrly av. cost t'xt b'ks only, pr pupil pri grades, Est. yrly av. cost t'xt b'ks only, pr pupil gram. fr, Est. av. yrly cost t'xt b'ks only, pr pupil H. S. gr.

STATISTICS FROM CITIES

Having over 1,000

NAMES OF CITIES AND TOWNS.	STATISTICS FROM CITIES												
	Population, census of 1885.	Salary of superintendent	Salary of principal of high school.	No. teachers necessary, not including supt.	No. teachers, graduates of our high school	No. of special teachers.	Total salary paid special teachers.	Av. salary paid all teachers, not including supt.	Years in entire course of study	Total school enumeration—1889.	Total enrollment for school year 1888-9.	Total av. attendance for school year 1888-9.	No. school months in school year.	Present assessed valuation of school district.
Waverly.....	2196	1300	675	16	9	1	45 50	13	928	758	551.0	9 0	\$ 505098
Webster City.....	5095	1500	575	25	12	1	41 90	12	1396	1157	875.0	9 0	764850
West Liberty.....	1481	1000	540	11	9	1	44 50	12	451	412	308.0	9 0	348840
West Union.....	1801	1100	540	9	4	1	41 11	11	512	441	351.0	9 0	335957
What Cheer.....	2975	1000	450	14	4	1	44 00	12	944	815	622.0	9 0	284745
Wilson.....	1268	800	800	7	7	1	41 00	13	391	380	254.0	9 0	200000
Winterset.....	2703	1000	850	16	8	1	41 88	11	809	821	610.0	9 0	432483
Woodbine.....	1116	1400	850	8	1	180	50 00	12	397	551	338.0	10 0	246058

AND TOWNS—CONTINUED

population in 1895.

Amt. certified for teachers' fund in spring of 1899.	Amt. paid during the year for buildings.	Bonded indebtedness paid during the year.	Present bonded indebtedness of school district.	Total expended for all purposes from Sept., 1898, to Sept., 1899.	Number of schoolhouses.	Value of buildings and sites.	Value of apparatus.	Number of volumes in libraries.	Value of libraries.	Number of kindergartens.	No. teachers employed in kindergarten work.	Est. y'ly av. cost t't b'ks only, pr pupil pri. grades	Est. y'ly av. cost t't b'ks only, pr pupil gram. gr.	Est. av. y'ly cost t't b'ks only, pr pupil H. S. gr.
\$8500 00	\$ 880	.....	\$ 20000	\$ 14937 04	3	40000	\$ 200	825	\$ 450	2	1	\$ 85	\$ 2 00	\$ 5 00
7000 00	.....	.....	29000	16754 49	5	5000	600	100	300	1	2	92	3 00	5 00
4700 00	.....	.....	.....	6815 24	1	30000	200	450	300	.....	.....	.....	.....	.....
3500 00	.....	.....	.....	4883 33	3	20000	300	400	500	.....	.....	.....	.....	.....
6500 00	1500	.....	2000	8197 17	2	13000	300	800	300	.....	.....	88	1 10	4 50
3100 00	.....	.....	.....	4820 00	1	10000	450	800	300	.....	.....	42	1 25	3 25
6000 00	.....	.....	20000	11780 12	2	30000	150	403	250	.....	.....	1 00	1 60	3 25
3000 00	2300	.....	3000	8038 78	1	16000	200	150	150	.....	.....	50	1 00	4 00