

TABLE IX.

Showing the Population of the several Counties of Iowa at each enumeration since the organization of the Territory.

CENSUS RETURNS.

COUNTIES.	STATE OF IOWA.																				
	IOWA TERRITORY.								1847.	1849.	1850.	1851.	1852.	1854.	1856.	1859.	1860.	1863.	1865.	1867.	1869.
Adair																					
Adams																					
Allamakee																					
Appanoose				1300	948	1281	3131	3951	4243	6265	9075	11449	11931	11866	10748	13064	14625	11866	10748	13064	14625
Audubon																					
Benton				297	312	312	673	753	1237	2623	6247	8063	8496	9561	11245	14772	19420	9561	11245	14772	19420
Black Hawk																					
Boone																					
Bremer																					
Buchanan																					
Buena Vista				149	250	406	519	1006	1023	2299	5125	6918	7906	8294	10037	12231	14973	8294	10037	12231	14973
Butler																					
Calhoun																					
Carroll																					
Cass																					
Cedar	557	1225	2217	2862	2809	3183	3941	4084	4971	7643	9481	12175	12949	13274	14041	16076	18239	13274	14041	16076	18239
Cerro Gordo																					
Cherokee																					
Chickasaw																					
Clarke																					
Clay																					
Clayton	274	1044	1200	1500	2176	3000	3873	5000	6318	9337	15187	18669	20728	21235	21922	22879	25832	21235	21922	22879	25832
Clinton	445	800	1201	1300	1570	2044	2835	3001	3822	7306	13441	17395	18938	19821	22405	27234	31952	19821	22405	27234	31952
Crawford																					
Dallas					164	635	812	925	1216	2392	3991	4058	5244	5088	5886	7538	10361	5088	5886	7538	10361

CENSUS RETURNS.

[illegible]

CENSUS RETURNS.

TABLE IX—CONTINUED.

COUNTIES.	IOWA TERRITORY.														STATE OF IOWA.				
	1838.	1840.	1844.	1846.	1847.	1849.	1850.	1851.	1852.	1854.	1856.	1859.	1860.	1863.	1865.	1867.	1869.		
Lee.....	2839	6095	9830	12860	13231	15000	18783	17625	20360	22590	27273	31242	29232	28523	28063	31417	34127		
Linn.....	205	1385	2643	3411	3954	4762	5444	6160	6890	10802	14702	17720	18947	18700	20754	24549	27467		
Louisa.....	1180	1925	3238	3644	3648	4155	5067	5100	5476	7341	9568	10805	10370	10673	10948	11885	12219		
Lucas.....	.....	.....	.....	.....	.....	.....	471	1025	1046	1921	4408	5287	5766	6257	6352	7746	9185		
Lyon.....	Not orga nized	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
Madison.....	.....	.....	.....	.....	.....	701	1174	1492	1832	3122	5508	7071	7379	7934	8214	9764	11817		
Mahaska.....	.....	.....	.....	2942	3774	5559	5986	6758	7479	9093	13050	14515	14816	16249	17082	18693	20076		
Marion.....	.....	.....	.....	1360	2350	3797	5412	5809	6289	9315	14060	16167	16813	17318	18719	20181	23440		
Marshall.....	.....	.....	.....	.....	.....	.....	338	454	710	1607	4460	5713	6015	7550	8759	11513	15514		
Mills.....	.....	.....	.....	.....	.....	.....	.....	.....	1463	2171	3102	4381	4481	6287	5218	6994	6935		
Mitchell.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1911	3291	3409	3375	4176	6150	7288		
Monona.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	222	459	885	832	931	1096	1664	2679		
Monroe.....	.....	.....	386	400	1222	2000	2886	3125	3430	4577	6860	8377	8612	9322	9435	10208	11990		
Montgomery.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	233	872	1094	1256	1218	1535	2072	2892		
Muscatine.....	1247	1942	2882	1485	3010	4516	5773	6170	6812	9555	12569	15503	16444	16989	17241	20699	24336		
O'Brien.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	20	51		
Osceola.....	Not orga nized	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
Page.....	.....	.....	.....	.....	.....	.....	551	534	636	1148	1964	3674	4419	4662	5211	6025	7843		
Palo Alto.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	131	132	142	216	413	535		
Plymouth.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	112	148	93	105	214	179		
Pocahontas.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	126	103	122	215	453	637		
Polk.....	.....	.....	.....	1301	1792	4214	4444	6000	5939	5368	9417	11238	11625	12956	16473	22630	26408		
Pottawattamie.....	.....	.....	.....	.....	.....	6552	7828	5758	5057	3060	3498	5012	4968	4737	5388	8733	10974		
Poweshiek.....	.....	.....	.....	.....	.....	443	615	742	915	1953	4460	5338	5668	6370	7796	9888	12936		
Ringgold.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1472	2507	2923	3039	3089	3888	5029		
Sac.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	251	269	246	234	304	595	840		

CENSUS RETURNS.

Scott.....	1252	2193	2750	3000	3652	4837	5987	6016	8628	12671	21521	25861	25959	26327	28474	34362	37615
Shelby.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	328	456	784	818	828	900	1213	1744
Sioux.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	18	.....
Story.....	.....	.....	.....	.....	.....	.....	.....	.....	214	836	2868	3826	4051	4368	5918	6888	9347
Tama.....	.....	.....	.....	.....	.....	.....	.....	.....	262	1163	3520	5346	5285	7027	7882	11165	14254
Taylor.....	.....	.....	.....	.....	.....	.....	204	393	479	891	2079	3468	3590	3757	4299	4546	5591
Union.....	.....	.....	.....	.....	.....	.....	.....	.....	80	81	806	1993	2012	2420	2528	3010	3821
Van Buren.....	3174	6166	9019	9870	10203	11577	12269	13000	12753	13843	15921	15879	17081	15862	15599	16292	16839
Wapello.....	.....	.....	2814	4422	5660	7255	8479	8500	8888	10521	13246	15060	14518	16729	18794	18930	20672
Warren.....	.....	.....	.....	.....	.....	649	943	1193	1488	4446	8000	9150	10281	10932	11150	13162	15810
Washington.....	283	1571	3120	3483	3518	4434	4991	5079	5881	7560	11113	13366	14235	15003	15739	17675	18648
Wayne.....	.....	.....	.....	.....	.....	.....	341	500	794	1665	4182	5860	6409	6522	6327	7657	9566
Webster.....	.....	.....	.....	.....	.....	.....	.....	.....	372	907	3088	2596	2504	2858	3772	5631	7812
Winnebago.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	188	168	204	298	785	1072
Winneshek.....	.....	.....	.....	.....	182	300	546	800	1523	3315	7506	12211	13942	15421	15421	19302	21047
Woodbury.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	170	2000	1100	1119	1106	1295	1970	.....
Worth.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	759	756	895	1143	1543	2135
Wright.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	632	653	693	908	1332	1765
Total.....	22859	43114	75152	97588	116651	152988	191982	204774	230713	326013	519055	638775	674913	701732	754699	902040	1040819

NOTE.—Calhoun county was originally called Fox county; Lyon was called Buncombe; Monroe, Kishkebosch; Washington, Slaughter; and Woodbury, Waukaw. Hamilton was created as Risley county, and subsequently formed a part of Webster. Humboldt county, originally erected under that name, was afterwards divided between Kossuth and Webster; more recently, the territory which had been annexed to Kossuth, with the northern half of that detached to Webster, was re-erected into the county of Humboldt. The northern part of Kossuth county was at first Bancroft county, which, with the northern half of Humboldt was united with Kossuth in 1855; subsequently the territory obtained from Humboldt was again detached. Webster county was at first called Yell county, which in 1855 was united with Risley and two tiers of townships in Humboldt to form Webster; in 1857, Hamilton county was detached, and also one tier of townships to Humboldt.

CENSUS RETURNS.

TABLE

Showing the names of the Stations on the several Railroads in the State of Iowa, Dec. 1st, 1869, the distance of each Station from Des Moines, and from other points therein named.

EXPLANATIONS.

The data used in most cases in making up the following tables, was furnished by the several Railroad Companies of the State, and the distances from Des Moines to the various stations are computed as follows, to-wit:

To all points on the Burlington and Missouri River Railroad, west of, and including Corning, *via* Council Bluffs and Pacific City; to all other points *via* Ottumwa; to all points on the Sioux City and Pacific and western end of the Iowa Falls and Sioux City Railways, *via* Grand Junction and Missouri Valley; to all points on the Chicago and Northwestern Railway *via* Grand Junction: to all points on the Iowa Falls and Sioux City, and Dubuque and Sioux City Railways, west of Farley, *via* Grand Junction and Fort Dodge, and to all points east of and including Farley, and on the Dubuque Southwestern, *via* Grand Junction and Cedar Rapids; to all points on the Central Railroad of Iowa, *via* Grand Junction and Marshalltown; to all points on the Cedar Falls and Minnesota Railway, *via* Grand Junction, Fort Dodge, and Cedar Falls; to all points on the McGregor and Missouri River Railway, *via* Grand Junction, Fort Dodge, Cedar Falls, and Charles City; to all points on the Milwaukee and St. Paul Railway, (Iowa Division), *via* Grand Junction, Fort Dodge, Cedar Falls, Charles City, and Calmar; and to all points on the Keokuk and St. Paul, and the Burlington, Cedar Rapids and Minnesota Railway, *via* Ottumwa and Burlington.

Names of stations printed in Italics or small caps with a (c h) in parenthesis, are county seats, and those printed in small caps are Railroad Junctions.

*McGregor and Missouri River Railway.**Cedar Falls and Minnesota Railroad.*

Distance from Station to Station.	NAMES OF STATIONS.	Distance from Des Moines.	Distance from Calmar.	Distance from Mason City.	Distance from Station to Station.	NAMES OF STATIONS.	Distance from Des Moines.	Distance from Cedar Falls.	Distance from State Line.
	CALMAR	265.24	.....	75		Cedar Falls.....	175.50	.....	76.11
6	Fort Atkinson	259.24	6	69	1	CEDAR FALLS JUNC.	176.50	1	75.11
12	Lawler	247.24	18	57	7.48	Janesville	183.98	8.48	67.63
9	<i>New Hampton (c h)</i> ...	238.24	27	48	6.23	<i>Waverly (c h)</i>	190.21	14.71	61.40
8	Chickasaw	230.24	35	40	8.54	Plainfield	198.75	23.25	52.86
12	CHARLES CITY (c h)...	218.24	47	28	7.88	Nashua.....	206.63	31.13	44.98
12	Flood Creek	230.24	59	16	11.61	CHARLES CITY (c h) ..	218.24	42.74	33.37
6	Nora Springs	236.24	65	10	5.61	Floyd	223.85	48.35	27.76
10	<i>Mason City (c h)</i>	246.24	75	.....	6.38	Orchard	230.23	54.73	21.38
					4.79	Osage	235.02	59.52	16.59
					3.58	<i>Mitchell (c h)</i>	238.60	63.10	13.01
					4.57	St. Ansgar.....	243.17	67.67	8.44
					7.56	Mond	250.72	75.23	.88
					.88	State Line.....	251.61	76.11	.....

Milwaukee and St. Paul Railway—(Iowa Division.)

Distance from Station to Station.	NAMES OF STATIONS.	Distance from Des Moines.	Distance from McGregor.	Distance from Le Roy.
	MCGREGOR	308.24	.....	85
6	Giard	302.24	6	79
9	Monona	293.24	15	70
4	Luana	289.24	19	66
7	Postville	282.24	26	59
6	Castalia	276.24	32	53
5	Ossian	271.24	37	48
6	CALMAR	265.24	43	42
3	CONOVER	268.24	46	39
7	Ridgeway	275.24	53	32
9	<i>Cresco (c h)</i>	284.24	62	23
11	Lime Springs	295.24	73	12
6	Chester	301.24	79	6
6	Le Roy	307.24	85	.....
	<i>Decorah (c h)</i>	278.24	56	49

CENSUS RETURNS.

TABLE OF DISTANCES—CONTINUED.

Dubuque and Sioux City Railroad.

Dubuque Southwestern Railroad.

Distance from station to station.	NAMES OF STATIONS.	Distance from Des Moines.	Distance from Fort Dodge.	Distance from Dubuque.
	DUBUQUE (C. H.).....	272.4	191.5	.....
10	Julien	262.4	181.5	10
5	Peosta	257.4	176.5	15
4	Epworth	253.4	172.5	19
4	FARLEY	249.4	168.5	23
6	Dyersville.....	245.5	162.5	29
8	Earlville	237.5	154.5	37
4	Delaware.....	233.5	150.5	41
6	Manchester	227.5	144.5	47
7	Masonville	220.5	137.5	54
7	Winthrop	213.5	130.5	61
8	Independence (c. h.).....	205.5	122.5	69
9	Jesup	196.5	113.5	78
9	Raymond	187.5	104.5	87
6	Waterloo (c. h.).....	181.5	98.5	93
5	C. F. & MINN. JUNC.	176.5	93.5	98
1	Cedar Falls.....	175.5	92.5	99
10	New Hartford	165.5	82.5	109
8	Parkersburg	157.5	74.5	117
6	Aplington	151.5	68.5	123
9	ACKLEY	142.5	59.5	132
10.5	Iowa Falls	132.0	49.0	142.5
6.9	Alden.....	125.1	42.1	149.4
8.1	Williams	117.0	34.0	157.5
5.2	Blairsburg	111.8	28.8	162.7
9	Webster City (c. h.) ...	102.8	19.8	171.7
8.9	Duncombe	93.9	10.9	181.6
10.9	FORT DODGE (C. H.)..	83.0	.....	191.5

Distance from station to station.	NAMES OF STATIONS.	Distance from Des Moines.	Distance from Cedar Rapids	Distance from Farley.
	CEDAR RAPIDS.....	193.4	.....	56
4	Marion (c. h.).....	197.4	4	52
10	Springville.....	207.4	14	42
4	Viola	211.4	18	38
7	Anamosa (c. h.).....	218.4	25	31
7	Langworthy	225.4	32	24
4	Monticello	229.4	36	20
6	Sand Springs.....	235.4	42	14
7	Worthington	242.4	49	7
7	FARLEY	249.4	56	.....

Central Railroad of Iowa.

Distance from station to station.	NAMES OF STATIONS.	Distance from Des Moines.	Distance from Marshalltown	Distance from Ackley.
	* ACKLEY	167.1	43	.....
12*	Steamboat Rock.....	155.1	31	12
4	Eldora (c. h.)... ..	151.1	27	16
10	Union	141.1	17	26
5	Liscomb.....	136.1	12	31
5	Albion	131.1	7	36
7	MARSHALLTOWN (C. H.)	124.1	.....	43

Sioux City and Pacific Railroad.

Distance from station to station.	NAMES OF STATIONS.	Distance from Des Moines.	Distance from Mo. Valley.	Distance from Sioux City.
	Missouri Valley ...	154.3	.....	76
6	CALIFORNIA JUNC.	160.3	6	70
5	Ferry	165.3	11	75
5	Modale	165.3	11	65
6	Mondamin	171.3	17	59
7	River Sioux.....	178.3	24	52
8	Blencoe.....	186.3	32	44
6	Onawa (c. h.)	192.3	38	38
17	Sloan	209.3	55	21
14	Sargent's Bluffs.....	223.3	69	7
7	SIoux CITY (C. H.)..	230.3	76	.....
26.5	Le Mars.....	256.8	102.5	26.5
8.5	Remsen	265.3	111.0	35.0
8.5	 I. F. & S. C. R.	273.8	119.5	43.5

St. Joseph and Council Bluffs Railroad.

Distance from station to station.	NAMES OF STATIONS.	Distance from Des Moines.	Distance from St. Joseph.	Distance from Council Bluffs.
	St. Joseph, Mo.....	273	.....	132
79	Hamburg	194	79.0	53
11	East Nebraska City	183	90.0	42
5	Percival	178	95.0	37
9	Bartlett	169	104.0	28
12	PACIFIC CITY.....	157	116.0	16
8	Trader's Point	149	124.0	8
8	COUNCIL BLUFFS (C. H.)	141	132.0	.....

St. Louis and Cedar Rapids Railroad.

Distance from station to station.	NAMES OF STATIONS.	Distance from Des Moines.	Distance from Ottumwa.	Distance from Coatesville.
	Coatesville	128.25	42.25	.....
7.50	Moulton	120.75	34.75	7.50
7	West Grove.....	113.75	27.75	14.50
7.25	Bloomfield (c. h.).....	106.50	20.50	21.75
9.50	Saponica	97.00	11.00	31.25
11	OTTUMWA (C. H.).....	86.00	.....	42.25

*Computed via Grand Junction and Fort Dodge, the distance from Des Moines to Ackley is 142.5 miles; to Steamboat Rock, 154.5 miles.

CENSUS RETURNS.

TABLE OF DISTANCES—CONTINUED.

Chicago, Rock Island and Pacific Railroad.

Chicago and Northwestern Railway, (Iowa Division.)

Distance from station to station.	Names of Stations.	Distance from Des Moines.	Distance from Davenport.	Distance from Council Bluffs.	Distance from station to station.	Names of Stations.	Distance from Des Moines.	Distance from Clinton.	Distance from Council Bluffs.
.....	DAVENPORT (C. H.)	175	.....	316	2.0	Lyons	276.7	2.0	352.4
12½	Walcott	162½	12½	303½	.....	CLINTON (C. H.)	274.7	.....	350.4
4½	Fulton	158	17	299	4.5	Camanche	270.2	4.5	345.9
2¾	Durant	155¼	19¾	296¼	5.0	Low Moor	265.2	9.5	340.9
5¾	WILTON	149½	25½	290½	4.5	Malone	260.7	14.0	336.4
12½	Muscatine (c. h.)	162	38	303	5.0	De Witt	255.7	19.0	331.4
13	Onawa	175	51	316	5.8	Grand Mound	249.9	24.8	325.6
7	Fredonia	182	58	323	5.8	Calamus	244.1	30.6	319.8
2½	Clifton	184½	60½	325½	4.1	Wheatland	240.0	34.7	315.7
8	Ainsworth	192½	68½	333½	5.0	Louden	235.0	39.7	310.7
7½	Washington (c. h.)	200	76	341	7.0	Clarence	228.0	46.7	303.7
3¼	Moscow	146¼	28¾	287¼	5.0	Stanwood	223.0	51.7	298.7
5	Atalissa	141¼	33¾	282¼	5.2	Mechanicsville	217.8	56.9	293.5
5¼	West Liberty	136	39	277	6.9	Lisbon	210.9	63.8	286.6
5½	Downey	130½	44½	271½	1.4	Mt. Vernon	209.5	65.2	285.2
10	Iowa City (c. h.)	120½	54½	261½	6.8	Bertram	202.7	72.0	278.4
7½	Tiffin	113	62	254	9.3	CEDAR RAPIDS	193.4	81.3	269.1
7½	Oxford	105½	69½	246½	8.3	Fairfax	185.1	89.6	260.8
5	Homestead	100½	74½	241½	6.7	Norway	178.4	96.3	254.1
5¼	South Amana	95¼	79¾	236¼	9.4	Blairstown	169.0	105.7	244.7
5¼	Marengo (c. h.)	90	85	231	5.1	Luzerne	163.9	110.8	239.6
6	Ladora	84	91	225	5.1	Belle Plaine	158.8	115.9	234.5
6½	Victor	77½	97½	218½	6.4	Chelsea	152.4	122.3	228.1
7½	Brooklyn	70	105	211	9.9	Tama City	142.5	132.2	218.2
6	Malcolm	64	111	205	7.2	Orford	135.3	139.4	211.0
9	Grinnell	55	120	196	2.8	Le Grand	132.5	142.2	208.2
11	Kellog	44	131	185	2.8	Quarry	129.7	145.0	205.4
9	Newton (c. h.)	35	140	176	5.6	MARSHAL TOWN (C. H.) ..	124.1	150.6	199.8
5¾	Vowels	29¼	145¾	170¼	7.3	Lamoille	116.8	157.9	192.5
6¼	Colfax	23	152	164	7.0	State Center	109.8	164.9	185.5
6	Mitchellville	17	158	158	7.8	Colo	102.0	172.7	177.7
7	Altoona	10	165	151	7.0	Nevada (c. h.)	95.0	179.7	170.7
10	DES MOINES (C. H.) .....	.....	175	141	8.4	Ames	86.6	188.1	162.3
10	Nordyke	10	185	131	4.0	Ontario	82.6	192.1	158.3
5	Boone	15	190	126	5.1	Side Track	77.5	197.2	153.2
4	Van Meter	19	194	122	5.1	Boonsboro (c. h.)	72.4	202.3	148.1
3	De Soto	22	197	119	5.5	Moingona	66.9	207.8	142.6
7½	Earlham	29½	204½	111½	5.8	Ogden	61.1	213.6	136.8
5½	Dexter	35	210	106	5.4	Beaver	55.7	219.0	131.4
5	Stuart	40	215	101	5.7	GRAND JUNCTION	50.0	224.7	125.7
5	Guthrie	45	220	96	6.8	Jefferson (c. h.)	56.8	231.5	118.9
7	Casey	52	227	89	9.0	Scranton	65.8	240.5	109.9
8	Adair	60	235	81	9.9	Glidden	75.7	250.4	100.0
8	Anita	68	243	73	7.2	Carrroll City (c. h.)	82.9	257.6	92.8
7	Wiota	75	250	66	6.1	East Side	89.0	263.7	86.7
7	Atlantic (c. h.)	82	257	59	4.0	Tip Top	93.0	267.7	82.7
19	Avoca	101	276	40	3.2	West Side	96.2	270.9	79.5
8	Shelby	109	284	32	6.0	Vail	102.2	276.9	73.5
11	Neola	120	295	21	8.7	Denison (c. h.)	110.9	285.6	64.8
13	Lima	133	308	8	9.4	Crawford	120.3	295.0	55.4
8	COUNCIL BLUFFS (C. H.) ..	141	316	.....	7.9	Dunlap	128.2	302.9	47.5
					9.7	Woodbine	137.9	312.6	37.8
					8.0	Logan	145.9	320.6	29.8
					8.4	Mo. VALLEY JUNCTION ..	151.3	329.0	21.4
					9.2	*Honey Creek	163.5	338.2	12.2
					5.3	*Crescent	168.8	343.5	6.9
					6.9	COUNCIL BLUFFS (C. H.) ..	141.0	350.4	.....

*Computed via Council Bluffs, the distance from Des Moines to Honey Creek is 153.2 miles; to Crescent, 147.9 miles.

CENSUS RETURNS.

TABLE OF DISTANCES—CONTINUED.

<i>Burlington & Missouri River Railroad.</i>					<i>Des Moines Valley Railroad.</i>				
Distance from station to station.	Names of Stations.	Dist. from Des Moines	Dist. from Burlington	Dist. from B. & M. and C. B. & St. Joe crossing	Distance from station to station.	Names of Stations.	Dist. from Des Moines	Dist. from Keokuk.	Dist. from Fort Dodge
	BURLINGTON (C H).....	160.72	.....	275.11		KEOKUK	161	.....	244
9.20	Middletown	151.52	9.20	265.91	14	Sand Prairie	147	14	230
3.60	Danville	147.92	12.80	262.31	6	Belfast	141	20	224
6.25	New London	141.67	19.05	256.06	5	Croton	136	25	219
8.45	Mt. Pleasant (c h) ..	133.22	27.50	247.61	5	Farmington	131	30	214
7.10	Rome	126.12	34.60	240.51	5	Bonaparte	126	35	209
7.20	Glendale	118.92	41.80	233.31	4	Bentonsport	122	39	205
8.58	Fairfield (c h)	110.34	50.38	224.73	6	Summit	116	45	199
4.74	Whitfield	105.60	55.12	219.99	9	Douds	107	54	190
6.61	Batavia	98.99	61.73	213.38	4	Independent	103	58	186
7.17	Agency City	91.82	68.90	206.21	9	Alpine	94	67	177
5.82	Ottumwa (c h)	86.00	74.72	200.39	8	OTTUMWA (C H)	86	75	169
8.51	Chillicothe	94.51	83.23	191.88	8	Comstocks	78	83	161
7.91	Frederick	102.42	91.14	183.97	8	Eddyville	70	91	153
8.30	Albia (c h)	110.72	99.44	175.67	9	Oskaloosa (c h)	61	100	144
8.95	Tyrone	119.67	108.39	166.72	6	Leighton	55	106	138
5.94	Melrose	125.61	114.33	160.78	8	Pella	47	114	130
8.11	Russell	133.72	122.44	152.67	9	Otley	38	123	121
7.50	Chariton (c h)	141.22	129.94	145.17	5	Monroe	33	128	116
8.42	Lucas	149.64	138.36	136.75	9	Prairie City	24	137	107
7.54	Woodburn	157.18	145.90	129.21	6	Woodville	18	143	101
10.34	Osceola (c h)	167.52	156.24	118.87	8	Altoona	10	151	93
9.97	Murray	177.49	166.21	108.90	10	DES MOINES (C H)	5	161	83
5.92	Thayer	184.41	172.13	102.98	5	Valley Junction	5	166	78
8.08	Afton (c h)	192.49	180.21	94.90	10	Waukee	15	176	68
9.39	Highland	201.88	189.50	85.51	6	Dallas Center	21	182	62
5.72	Cromwell	207.60	195.32	79.79	6	Minburn	27	188	56
8.39	Prescott	215.99	203.71	71.40	7	Perry	34	195	49
7.31	Corning	221.09	211.02	64.09	9	Ripley	43	204	40
3.98	Brookville	217.11	215.00	60.11	7	Grand Junction	50	211	33
5.00	Nodaway	212.11	220.00	55.11	8	Peyton	58	219	25
4.89	Vallisca	207.22	224.89	50.22	8	Gowrie	66	227	17
8.11	Halnestead	199.11	233.00	42.11	8	Rothsay	74	235	9
7.63	Red Oak (c h)	191.48	240.63	34.48	9	FORT DODGE (C H)	83	244	.....
5.53	.....	185.95	246.16	28.95					
3.96	Emerson	181.99	250.12	24.99					
5.28	Hastings	176.71	255.40	19.71					
5.13	Milton	171.58	260.53	14.58					
5.41	.....	166.17	265.94	9.17					
5.36	Glenwood (c h)	160.81	271.30	3.81					
3.81	B. & M. and C. B. & St. Joe crossing	157.00	275.11	.....					

<i>Keokuk and St. Paul Railroad.</i>				
Dist. from station to station	Names of Stations.	Distance from Des Moines.	Distance from Burlington.	Distance from Keokuk.
	BURLINGTON (C H)	160.72	.....	44.00
8.3	Wever	169.02	8.30	35.70
10.7	Fort Madison (c h)	179.72	19.00	25.00
8	* Junction	187.72	27.00	17.00
5	* Montrose	192.72	32.00	12.00
6	* Sandusky	198.72	38.00	6.00
6	KEOKUK	161.00	44.00	.....

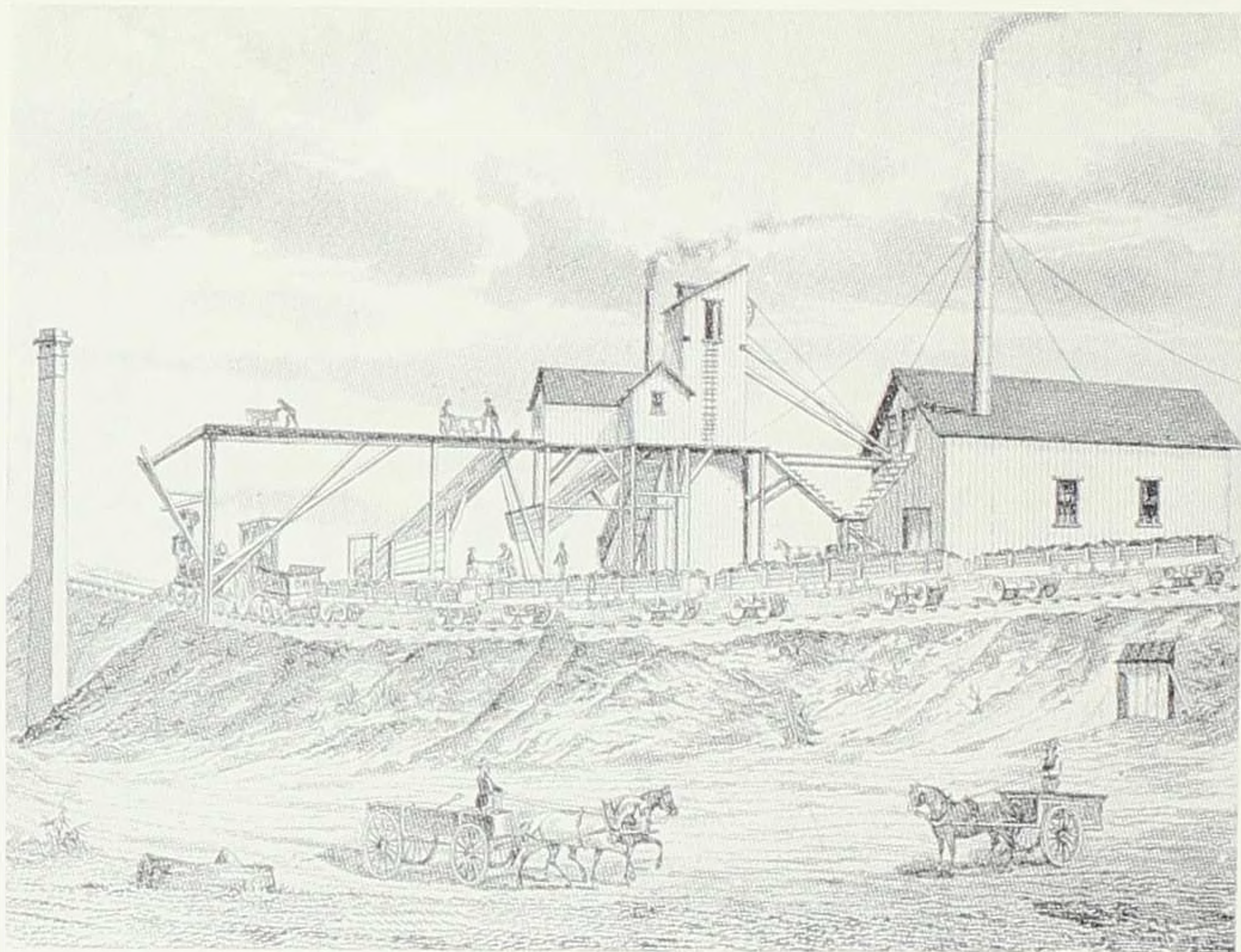
Dist. from station to station	Names of Stations.	Distance from Des Moines.	Distance from Burlington.	Dist. from Washington Branch Junction
	BURLINGTON (C H)	160.72	.....	42
9	Latty	169.72	9	33
3	Sperry	172.72	12	30
3	Kossuth	175.72	15	27
5	Linton	180.72	20	22
3	Morning Sun	183.72	23	19
7	Wapello (c h)	190.72	30	12
12	WASHINGTON B'NCH JUNCTION	202.72	42	.....

* Computed via Keokuk, the distance from Des Moines to Sandusky is 167 miles; to Montrose 173 miles; and to Junction 178 miles.

* SOME SIGNIFICANT INVENTIONS—1861-1888

<i>Year</i>	<i>Invention</i>	<i>Inventor</i>	<i>Nationality</i>
1861	Furnace, for steel	Siemens	German
1861	Machine gun	Gatling	American
1863	Piano, player	Fourneaux	French
1865	Printing press, web	Bullock	American
1865	Tool, pneumatic	Law	English
1866	Dynamite	Nobel	Swedish
1867	Paper, sulfite process	Tilghman	American
1867	Block signals	Hall	American
1867	Engine, coal-gas	Otto	German
1868	Air brake, train	Westinghouse	American
1868	Mower, lawn	Manning	American
1868	Oleomargarine	Mege-Mouries	French
1868	Refrigerator car	David	American
1868	Dining car	Pullman	American
1868	Typewriter	Sholes and Glidden	American
1870	Celluloid	Hyatt	American
1870	Dynamo, continuous current	Gramme	Belgian
1872	Engine, gasoline	Brayton	American
1872	Machine gun, improved	Hotchkiss	American
1873	Car coupler	Janney	American
1874	Telegraph, quadruplex	Edison	American
1874	Wire, barbed	Glidden	American
1876	Carburetor, gasoline	Daimler	German
1876	Telephone	Bell	American
1877	Microphone	Berliner	American
1877	Phonograph	Edison	American
1877	Welding, electric	Thomson	American
1878	Cultivator, disc	Mallon	American
1879	Cash register	Ritty	American
1879	Engine, automobile	Benz	German
1879	Lamp, incandescent	Edison	American
1880	Cream separator	DeLaval	Swedish
1880	Engine, electric ignition	Benz	German
1880	Photophone	Bell	American
1883	Machine gun, Maxim	Maxim, H. S.	English
1884	Bicycle, modern	Starley	English
1884	Pen, fountain	Waterman	American
1884	Punch card accounting	Hollerith	American
1884	Steam turbine	Parsons	English
1885	Anti-rabies	Pasteur	French
1885	Adding machine	Burroughs	American
1885	Linotype	Mergenthaler	American
1885	Transformer, A.C.	Stanley	American
1886	Bicycle, safety	Pope	American
1887	Automobile, gasoline	Daimler	German
1887	Comptometer	Felt	American
1887	Kinetoscope	Edison	American
1887	Photo film, celluloid	Goodwin-Eastman	American
1884-1887	Trolley car, electric	Van Depoel & Sprague	American
1888	Harvester-Thresher	Matteson	American
1888	Kodak	Eastman-Walker	American
1888	Record, wax cylinder	Edison	American

* On January 1, 1870, the *Iowa State Register* hoped that each succeeding year would produce "greater" inventions than had been seen in 1869. The latter year also produced the greatest hoax—The Cardiff Giant—carved out of Fort Dodge gypsum.



The South Park Coal Mine in Polk County.



Iowa farm home of the 1870's.