

17-H53
2:ES86

Estimated Traffic and Vehicle-Miles
of Travel on
Iowa's Proposed Interstate System
1956 - 1975

Length and Vehicle-Miles
of Travel on
Iowa's Proposed Interstate System

Route	Miles	1956 Vehicle-Miles		1975 Vehicle-Miles	
		Average Daily	Annual	Average Daily	Annual
Interstate 01	310.7	2,046,947	747,135,655	5,308,623	1,937,647,395
Interstate 02	216.8	979,660	357,575,900	2,645,806	965,719,190
Common W/01	2.8	25,956	9,473,940	73,332	26,766,180
Less Common Sections	214.0	953,704	348,101,960	2,572,474	938,953,010
Interstate 03	154.3	598,994	218,632,810	1,629,207	594,660,555
Common W/01	3.4	22,176	8,094,240	59,152	21,590,480
Less Common Sections	150.9	576,818	210,538,570	1,570,055	573,070,075
Interstate 04	5.1	16,799	6,131,635	42,626	15,558,490
Interstate 05	9.6	58,778	21,453,970	144,904	52,889,960
Interstate 06	29.5	127,063	46,377,995	329,581	120,297,065
Common W/03	9.6	62,846	22,938,790	163,382	59,634,430
Less Common Sections	19.9	64,217	23,439,205	166,199	60,662,635
Iowa Interstate Total	710.2	3,717,263	1,356,800,995	9,804,881	3,578,781,565

INTERSTATE ROUTE
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From		To		1956 Ave.	1975 Estimate			Distance Between Interchanges	Vehicle Miles	
Location	Interchange No.	Location	Interchange No.	Annual Daily	Ave. Ann. Daily	Design Hour	% Trks. Design Hr.		1956	1975
Illinois Interstate	—	Jct. U.S. 67 & 61	1	5200	12820	1510	5	0.3	1560	3846
Jct. U.S. 67 & 61	1	Int. F.A.S. 2385	2	6900	17000	2000	6	3.7	25530	62900
Int. F.A.S. 2385	2	Jct. Interstate 04	3	7400	18220	2150	6	4.8	35520	87360
Jct. Interstate 04	3	Int. U.S. 61	4	8770	21600	2540	6	2.5	21925	54000
Int. U.S. 61	4	Int. Iowa 150	5	8350	20560	2420	5	2.5	20875	51400
Int. Iowa 150	5	Jct. Interstate 05	6	7535	18560	2190	4	3.0	22605	55680
Jct. Interstate 05	6	Int. F.A.S. 540	7	8210	20220	2380	4	5.7	46797	115254
Int. F.A.S. 540	7	Int. F.A.S. 551	8	7760	19100	2250	4	4.2	32592	80220
Int. F.A.S. 551	8	Int. F.A.S. 553	9	7760	19090	2250	4	3.0	23280	57270
Int. F.A.S. 553	9	Int. F.A.S. 2414	10	7610	18670	2200	4	4.0	30440	74680
Int. F.A.S. 2414	10	Int. Iowa 38	11	7360	18030	2120	4	4.1	30176	73923
Int. Iowa 38	11	Int. F.A.S. 2416	12	7350	17940	2110	2	4.0	29400	71760
Int. F.A.S. 2416	12	Int. F.A.S. 511	13	7370	17970	2120	2	5.2	38324	93444
Int. F.A.S. 511	13	Int. F.A.S. 572	14	7740	18830	2220	2	5.0	38700	94150

Extra Mile
in Sec.

INTERSTATE ROUTE
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From		To		1956 Ave. Annual Daily	1975 Estimate			Distance Between Inter- changes	Vehicle Miles	
Location	Inter- change No.	Location	Inter- change No.		Ave. Ann. Daily	Design Hour	% Tks. Design Hr.		1956	1975
Int. F.A.S. 572	14	Int. Iowa 1	15	7920	19270	2270	2	5.1	40392	98277
Int. Iowa 1	15	Int. Iowa 261	16	7730	18840	2220	2	3.2	24736	60288
Int. Iowa 261	16	Int. U.S. 218	17	7130	17370	2050	2	1.9	13547	33003
Int. U.S. 218	17	Int. Local Road	18	6850	16690	1970	7	1.5	10275	25035
Int. Local Road	18	Int. Iowa 153	19	6900	16810	1980	7	2.3	15870	38563
Int. Iowa 153	19	Int. F.A.S. 2457	20	5910	14390	1700	7	3.0	17730	43170
Int. F.A.S. 2457	20	Int. F.A.S. 582	21	5370	14280	1680	7	7.2	42264	102816
Int. F.A.S. 582	21	Int. F.A.S. 581	22	5680	13810	1630	7	5.5	31240	75955
Int. F.A.S. 581	22	Int. Iowa 149	23	5720	13890	1640	7	5.0	28600	69450
Int. Iowa 149	23	Int. F.A.S. 2479	24	5680	13760	1620	7	6.0	34080	82560
Int. F.A.S. 2479	24	Int. F.A.S. 986	25	5660	13710	1620	7	6.0	33960	82260
Int. F.A.S. 986	25	Int. Iowa 21	26	5740	13890	1640	7	4.0	22960	55560
Int. Iowa 21	26	Int. Local Road	27	5900	14260	1680	7	6.5	38350	92690
Int. Local Road	27	Int. U.S. 63	28	5830	14110	1660	7	5.6	32648	79016

INTERSTATE ROUTE
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From		To		1956 Ave. Annual Daily	1975 Estimate			Distance Between Inter- changes	Vehicle Miles	
Location	Inter change No.	Location	Inter change No.		Ave. Ann. Daily	Design Hour	% Tks. Design Hr.		1956	1975
Int. U.S. 63	28	Int. F.A.S. 2513	29	5960	14410	1700	3	4.0	23840	57640
Int. F.A.S. 2513	29	Int. Iowa 146	30	5950	14390	1700	3	5.0	29750	71950
Int. Iowa 146	30	Int. F.A.S. 619	31	6200	15500	1830	3	3.6	22320	55800
Int. F.A.S. 619	31	Int. F.A.S. 642	32	6250	15690	1850	3	5.6	35000	87864
Int. F.A.S. 642	32	Int. F.A.S. 2527	33	6290	15890	1870	3	5.0	31450	79450
Int. F.A.S. 2527	33	Int. Iowa 14	34	6260	15840	1870	3	4.1	25666	64944
Int. Iowa 14	34	Int. U.S. 6	35	7060	18740	2200	3	5.5	38830	103070
Int. U.S. 6	35	Int. Iowa 117	36	6650	17880	2100	3	3.5	23275	62580
Int. Iowa 117	36	Int. F.A.S. 647	37	7130	19380	2280	3	6.6	47058	127908
Int. F.A.S. 647	37	Int. F.A.S. 649	38	7310	20030	2360	3	5.3	38743	106159
Int. F.A.S. 649	38	Int. U.S. 65	39	7380	20320	2390	3	1.7	12376	34544
Int. U.S. 65	39	Jct. Interstate 02	40	10360	29160	3430	3	4.3	44548	125388
Jct. Interstate 02	40	Int. Euclid Ave.	41	9305	26220	3090	7	1.6	14888	41952
Int. Euclid Ave.	41	Int. Guthrie	42	11500	32140	3790	7	1.0	11500	32140

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From		To		1956 Ave. Annual Daily	1975 Estimate			Distance Between Inter- changes	Vehicle Miles	
Location	Inter- change No.	Location	Inter- change No.		Ave. Ann. Daily	Design Hour	% Tks. Design Hr.		1956	1975
Int. Guthrie	42	Int. University Ave.	43	12645	35220	4150	7	1.1	13909	38742
Int. University Ave.	43	Int. 12, 13 & 14	44	18375	50060	5900	2	0.5	9187	25030
Int. 12, 13 & 14	44	Int. 6th St.	45	27450	72650	8560	2	0.7	19215	50855
Int. 6th St.	45	Int. 2nd & 5th	46	27225	72170	8500	2	0.7	19058	50477
Int. 2nd & 5th	46	Int. Keosauqua Way	47	27325	72270	8520	4	0.7	19128	50589
Int. Keosauqua Way	47	Int. 21st & Harding Rd. & 19th & Harding	48	33400	88040	10370	4	0.5	16700	44020
Int. 21st & Harding Rd. & 19th & Harding	48	Int. 28th	49	24400	66530	7840	4	0.5	12200	33260
Int. 28th	49	Int. 42nd St.	50	21825	60120	7080	4	1.1	24008	66132
Int. 42nd St.	50	Int. 56th St.	51	19025	52870	6230	4	1.0	19025	52870
Int. 56th St.	51	Int. 63rd St.	52	13500	38020	4480	4	0.6	8100	22812
Int. 63rd St.	52	Int. 8th St. W.D.M.	53	8820	24960	2940	5	0.6	5292	14976
Int. 8th St.	53	Int. 19th St.	54	5580	15600	1840	5	1.0	5580	15600
Int. 19th St.	54	Int. Ashworth	55	4930	13590	1600	5	1.0	4930	13590
Int. Ashworth	55	Int. Interstate 02	56	4430	12130	1430	5	1.1	4873	13343

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From		To		1956 Ave. Annual Daily	1975 Estimate			Distance Between Inter- changes	Vehicle Miles	
Location	Inter change No.	Location	Inter change No.		Ave. Ann Daily	Design Hour	% Tks. Design Hr.		1956	1975
Int. Interstate 02	56	Jct. Ia. 90 & Int. 02	57	9270	26190	3080	13	2.8	25956	73332
Jct. Ia. 90 & Int. 02	57	Int. Local Road	58	6280	18150	2140	6	5.6	35168	101640
Int. Local Road	58	Jct. Ia. 293 & Local Rd.	59	6210	17910	2110	6	3.2	19872	57312
Jct. Ia. 293 & Local Rd.	59	Int. U.S. 169	60	6080	17520	2060	6	3.5	21280	61320
Int. U.S. 169	60	Jct. Local Rd & F.A.S. 77	61	5180	14720	1730	6	5.8	30044	85376
Jct. Local Rd & FAS 77	61	Jct. U.S. 6	62	4960	13960	1640	6	3.8	18848	53048
Jct. U.S. 6	62	Int. F. A.S. 994	63	4940	13730	1620	6	3.6	17784	49428
Int. F.A.S. 994	63	Int. F.A.S. 690	64	5140	14170	1670	6	4.0	20560	56680
Int. F.A.S. 690	64	Int. Iowa 25	65	5260	14390	1700	6	7.0	36820	100730
Int. Iowa 25	65	Int. F.A.S. 713	66	5000	13660	1610	6	3.5	17500	47810
Int. F.A.S. 713	66	Int. F.A.S. 710	67	5040	13720	1620	6	6.5	32760	89180
Int. F.A.S. 710	67	Int. U.S. 6	67A	5100	13860	1630	6	1.0	5100	13860
Int. U.S. 6	67A	Int. F.A.S. 706	67B	5150	13930	1640	6	5.0	25750	69650
Int. F.A.S. 706	67B	Int. F.A.S. 709	68	5270	14190	1670	6	5.8	30566	82320

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From		To		1956 Ave. Annual Daily	1975 Estimate			Distance Between Inter- changes	Vehicle Miles	
Location	Inter- change No.	Location	Inter- change No.		Ave. Ann. Daily	Design Hour	% Tks. Design Hr.		1956	1975
Int. F.A.S. 709	68	Int. U.S. 71	69	5290	14230	1680	6	4.1	21689	58343
Int. U.S. 71	69	Int. F.A.S. 726	70	5410	14490	1700	6	3.0	16230	43470
Int. F.A.S. 726	70	Int. F.A.S. 2675	71	5480	14650	1730	6	3.0	16440	43950
Int. F.A.S. 2675	71	Int. F.A.S. 727	72	5600	14930	1760	6	3.0	16800	44790
Int. F.A.S. 727	72	Int. F.A.S. 729	73	5610	14950	1760	6	5.7	31977	85215
Int. F.A.S. 729	73	Int. U.S. 59	74	5680	15110	1780	6	6.6	37488	99726
Int. U.S. 59	74	Int. F.A.S. 105	75	5930	15670	1850	6	6.2	36766	97154
Int. F.A.S. 105	75	Int. F.A.S. 996	76	6050	15950	1880	6	5.1	30855	81345
Int. F.A.S. 996	76	Jct. Interstate 06	77	6080	16030	1890	6	2.0	12160	32060
Jct. Interstate 06	77	Int. Iowa 64	78	3710	9610	1130	17	2.6	9646	24986
Int. Iowa 64	78	Int. F.A.S. 750	79	3900	10110	1190	17	7.5	29250	75825
Int. F.A.S. 750	79	Int. Local Road	80	4150	10750	1270	17	4.3	17845	46225
Int. Local Road	80	Int. U.S. 6	81	4150	10750	1270	17	6.5	26975	69875
Int. U.S. 6	81	Int. Iowa 375 (100)	82	3330	8590	1020	10	2.5	8325	21475

INTERSTATE ROUTE
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From		To		1956 Ave. Annual Daily	1975 Estimate			Distance Between Inter- changes	Vehicle Miles	
Location	Inter change No.	Location	Inter change No.		Ave. Ann Daily	Design Hour	% Tks. Design Hr.		1956	1975
Missouri Interstate	-	Jct. U.S. 69 & Local Rd.	1	2380	6080	720	12	0	2380	6080
Jct. U.S. 69 & Local Rd.	1	Int. U.S. 69	2	2270	5800	680	12	4.2	9534	24360
Int. U.S. 69	2	Int. Iowa 2	3	2460	6300	740	12	8.7	21402	54810
Int. Iowa 2	3	Int. F.A.S. 821	3A	2880	7460	880	12	5.2	14976	38792
Int. F.A.S. 821	3A	Jct. F.A.S. 820 & Ia. 258	4	2880	7470	880	12	4.4	12672	32868
Jct. F.A.S. 820 & 258	4	Int. F.A.S. 3275	5	2930	7620	900	12	7.1	20803	54102
Int. F.A.S. 3275	5	Int. U.S. 34	6	3020	7860	930	12	3.8	11476	29868
Int. U.S. 34	6	(Co. Rd. S) Int. F.A.S. 2680	7	4270	11280	1330	15	(3.1) 10.7	45689	120,696
(Co. Rd. S) Int. F.A.S. 2680	7	(Int. F.A.S. 2680) Int. F.A.S. 2862	8	4340	11500	1350	15	(7.6) 3.6	15624	41,400
Int. F.A.S. 2862	8	Int. F.A.S. 679	9	4440	17790	1390	15	4.5	19980	80,055
Int. F.A.S. 679	9	Int. Iowa 92	10	4520	12030	1420	15	4.7	21244	56541
Int. Iowa 92	10	Int. F.A.S. 680	10A	5410	14570	1720	15	8.4	45444	122388
Int. F.A.S. 680	10A	Jct. Local Rd & Army Post Road	11	5670	15290	1800	15	3.1	17577	47399
Jct. Local Road & Army Post Road	11	Jct. Interstate 01 & Iowa 90	12	4910	13450	1580	13	1.0	4910	13450

INTERSTATE ROUTE
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From		To		1956 Ave. Annual Daily	1975 Estimate			Distance Between Inter- changes	Vehicle Miles	
Location	Inter change No.	Location	Inter change No.		Ave. Ann. Daily	Design Hour	% Tks. Design Hr.		1956	1975
Jct. Interstate 01 & Iowa 90	12	Int. Interstate 01	13	9270	26190	3080	13	2.8	25956	73332
Int. Interstate 01 (Univ. Ave)	13	(Univ. Ave.) Int. U.S. 6	14	6160	17660	2080	13	(1.3) 2.3	14168	40618
Int. U.S. 6	14	(U.S. 6) Jct. F.A.S. 2596 & Ia. 132	15	6960	19840	2340	13	(1.0) 1.0	6960	19840
Jct. F.A.S. 2596 & Ia. 132	15	Jct. Proposed Ia. 64 & Ia. 141	16	7020	20000	2360	13	1.4	9828	28000
Jct. Proposed Ia 64 & Ia. 141	16	Int. F.A.S. 3466	17	6580	18040	2130	13	2.0	13160	36080
Int. F.A.S. 3466	17	Int. Ia. 64 & Ia. 141	18	6580	18040	2130	13	2.0	13160	36080
Int. Iowa 64 & Ia. 141	18	Int. Iowa 60	19	7450	20430	2410	9	4.0	29800	81720
Int. Iowa 60	19	Int. U.S. 69	20	8515	23360	2750	9	1.0	8515	23360
Int. U.S. 69	20	Int. Interstate 01	21	8015	22000	2590	9	1.3	10419	28600
Int. Interstate 01	21	Int. Local Road	22	6660	18280	2150	12	0.5	3330	9146
Int. Local Road	22	Int. F.A.S. 2571	23	6630	18170	2140	12	5.1	33813	92667
Int. F.A.S. 2571	23	Int. Iowa 87	24	6510	17760	2090	12	4.2	27342	74592
Int. Iowa 87	24	Int. Iowa 210	25	6420	17490	2060	12	5.8	37236	101442
Int. Iowa 210	25	Int. U.S. 30	26	6270	17030	2010	12	10.0	62700	170300

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From		To		1956 Ave. Annual Daily	1975 Estimate			Distance Between Inter- changes	Vehicle Miles	
Location	Inter change No.	Location	Inter change No.		Ave. Ann Daily	Design Hour	% Tks. Design Hr.		1956	1975
Int. U.S. 30	26	Int. F.A.S. 461	27	5620	15030	1770	16	4.3	24166	64629
Int. F.A.S. 461	27	Int. Iowa 221	28	5590	14920	1760	16	6.3	35217	93996
Int. Iowa 221	28	Int. F.A.S. 3477	29	5550	14770	1740	16	1.5	8325	22155
Int. F.A.S. 3477	29	Int. F.A.S. 268	30	5390	14290	1680	16	3.4	18326	48586
Int. F.A.S. 268	30	Int. Iowa 175	31	5360	14190	1670	16	5.0	26800	70950
Int. Iowa 175	31	Int. F.A.S. 272	32	5220	13740	1620	16	6.0	31320	82440
Int. F.A.S. 272	32	Int. U.S. 20	33	5210	13710	1620	16	5.0	26050	68550
Int. U.S. 20	33	Int. F.A.S. 1909	34	4790	12560	1480	16	3.0	14370	37680
Int. F.A.S. 1909	34	Int. F.A.S. 292	35	4480	11710	1380	16	4.1	13368	48011
Int. F.A.S. 292	35	Int. Iowa 72	36	4460	11650	1370	16	6.5	28990	75725
Int. Iowa 72	36	Int. Iowa 3	37	4420	11540	1360	16	5.5	24310	63470
Int. Iowa 3	37	Int. F.A.S. 285	38	3720	9760	1150	16	4.0	14880	39040
Int. F.A.S. 285	38	Int. Local Road	39	3660	9620	1130	16	3.1	11346	29822
Int. Local Road	39	Int. F.A.S. 86	40	3550	9340	1100	16	5.1	18105	97636

INTERSTATE ROUTE
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From		To		1956 Ave. Annual Daily	1975 Estimate			Distance Between Inter- changes	Vehicle Miles	
Location	Inter change No.	Location	Inter change No.		Ave. Ann. Daily	Design Hour	% Tks. Design Hr.		1956	1975
Missouri Interstate	-	Int. F.A.S. 763	1	2202	6000	700	7	1.8	3960	10800
Int. F.A.S. 763	1	Int. Iowa 2	2	2510	6780	800	7	9.0	22590	61020
Int. Iowa 2	2	Int. F.A.S. 762	3	2960	7920	930	7	5.7	16872	45144
Int. F.A.S. 762	3	Int. F.A.S. 760	4	3000	8020	950	7	4.7	14100	37694
Int. F.A.S. 760	4	Int. F.A.S. 759	5	3020	8070	950	7	4.8	14496	38736
Int. F.A.S. 759	5	Int. U.S. 34	6	3050	8150	960	7	8.0	21400	65200
Int. U.S. 34	6	Int. F.A.S. 3420	7	2950	7950	930	12	3.2	9440	25440
Int. F.A.S. 3420	7	Int. Iowa 370	8	3310	8930	1050	12	7.3	23170	65554
Int. Iowa 370	8	Int. U.S. 275	9	3390	9240	1090	12	4.7	15933	43428
Int. U.S. 275	9	Jct. Interstate 01 & 03	10	3530	9900	1170	9	1.0	3530	9900
Jct. Interstate 01 & 03	10	Int. Iowa 192	11	5640	15040	1770	21	1.0	5640	15040
Int. Iowa 192	11	Jct. Interstate 01	12	6890	18380	2170	21	2.4	16536	44112
Jct. Interstate 01	12	Int. Broadway St.	13	4760	13330	1570	6	2.1	9996	27993
Int. Broadway St.	13	Jct. 25th St.	13A	3410	9860	1170	7	2.0	6820	19720

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From		To		1956 Ave. Annual Daily	1975 Estimate			Distance Between Inter- changes	Vehicle Miles	
Location	Inter change No.	Location	Inter change No.		Ave. Ann. Daily	Design Hour	% Tks. Design Hr.		1956	1975
Jct. 25th St.	13A	Jct. W. 16th St.	14	3560	10290	1210	7	1.3	4628	13377
Jct. W. 16th St.	14	Jct. Interstate 06 to Crescent City	15	4640	12390	1460	6	4.9	22736	60711
Jct. Interstate 06 to Crescent City	15	Int. F.A.S. 2733 & Inter state 06	16	6510	16920	1990	6	4.6	29946	77832
Int. F.A.S. 2733 & Interstate 06	16	Jct. Interstate 06	17	6580	17110	2010	6	5.0	32900	85550
Jct. Interstate 06	17	Int. F.A.S. 2732	18	5900	15370	1810	8	0.5	2950	7685
Int. F.A.S. 2832	18	Int. U.S. 30	19	5800	15110	1780	8	3.7	21460	55907
Int. U.S. 30	19	Int. F.A.S. 740	20	3200	8890	1040	6	6.0	19200	53340
Int. F.A.S. 740	20	Int. F.A.S. 2710	21	3030	8460	990	6	7.6	23028	64296
Int. F.A.S. 2710	21	Int. Local Road	22	2990	8360	980	6	6.3	18837	52668
Int. Local Road	22	Int. Local Road	23	3010	8410	990	6	9.9	29799	83259
Int. Local Road	23	Int. Iowa 175	24	3070	8570	1010	6	6.7	20569	57419
Int. Iowa 175	24	Int. F.A.S. 398	25	3570	9950	1170	7	7.7	27489	76615
Int. F.A.S. 398	25	Int. F.A.S. 2042	26	3550	9930	1170	7	8.0	28400	79440
Int. F.A.S. 2042	26	Int. F.A.S. 389	27	3750	10530	1230	7	6.5	24375	68445

