

Appendix B - National & State Activity Summary

Vehicle Population Summary (2028 & 2035)

State FIPS & Name	2028 Vehicle Population			2035 Vehicle Population			2028 to 2035 % Change		
	Light-Duty	Heavy-Duty	Total	Light-Duty	Heavy-Duty	Total	Light-Duty	Heavy-Duty	Total
<i>48-State Contiguous US</i>	<i>282,162,428</i>	<i>12,677,862</i>	<i>294,840,290</i>	<i>288,880,873</i>	<i>14,015,031</i>	<i>302,895,904</i>	<i>2.4%</i>	<i>10.5%</i>	<i>2.7%</i>
1 ALABAMA	5,491,855	333,901	5,825,756	5,590,995	370,386	5,961,382	1.8%	10.9%	2.3%
4 ARIZONA	6,125,621	227,250	6,352,871	6,247,263	218,132	6,465,395	2.0%	-4.0%	1.8%
5 ARKANSAS	3,042,542	182,739	3,225,280	3,119,658	200,739	3,320,397	2.5%	9.9%	2.9%
6 CALIFORNIA	32,622,004	1,270,144	33,892,148	33,286,830	1,424,401	34,711,231	2.0%	12.1%	2.4%
8 COLORADO	5,575,700	121,011	5,696,711	5,781,640	133,473	5,915,113	3.7%	10.3%	3.8%
9 CONNECTICUT	3,050,696	45,771	3,096,467	3,130,657	48,122	3,178,779	2.6%	5.1%	2.7%
10 DELAWARE	1,312,608	25,198	1,337,806	1,342,177	28,010	1,370,187	2.3%	11.2%	2.4%
11 DISTRICT OF COLUMBIA	307,311	4,920	312,231	306,947	5,378	312,325	-0.1%	9.3%	0.0%
12 FLORIDA	18,599,695	799,206	19,398,901	19,118,226	892,100	20,010,326	2.8%	11.6%	3.2%
13 GEORGIA	9,849,451	417,298	10,266,749	10,255,298	464,359	10,719,657	4.1%	11.3%	4.4%
16 IDAHO	1,886,625	108,720	1,995,345	1,976,352	121,363	2,097,715	4.8%	11.6%	5.1%
17 ILLINOIS	10,734,551	463,495	11,198,046	10,815,513	513,984	11,329,497	0.8%	10.9%	1.2%
18 INDIANA	6,391,815	430,945	6,822,760	6,486,094	479,612	6,965,707	1.5%	11.3%	2.1%
19 IOWA	3,563,482	165,434	3,728,916	3,608,872	182,678	3,791,550	1.3%	10.4%	1.7%
20 KANSAS	3,133,045	171,102	3,304,147	3,197,510	189,344	3,386,854	2.1%	10.7%	2.5%
21 KENTUCKY	4,354,635	264,025	4,618,659	4,459,877	295,295	4,755,172	2.4%	11.8%	3.0%
22 LOUISIANA	4,259,912	329,409	4,589,321	4,357,229	366,072	4,723,301	2.3%	11.1%	2.9%
23 MAINE	1,314,111	76,126	1,390,237	1,336,135	85,370	1,421,506	1.7%	12.1%	2.2%
24 MARYLAND	4,758,585	185,623	4,944,208	4,882,581	206,021	5,088,603	2.6%	11.0%	2.9%
25 MASSACHUSETTS	5,712,848	94,107	5,806,955	5,750,485	100,750	5,851,235	0.7%	7.1%	0.8%
26 MICHIGAN	9,303,933	259,516	9,563,449	9,372,051	287,165	9,659,215	0.7%	10.7%	1.0%
27 MINNESOTA	5,804,559	204,203	6,008,762	5,926,204	228,319	6,154,522	2.1%	11.8%	2.4%
28 MISSISSIPPI	3,042,013	184,964	3,226,977	3,095,796	204,247	3,300,043	1.8%	10.4%	2.3%
29 MISSOURI	6,139,274	375,222	6,514,496	6,263,642	413,788	6,677,430	2.0%	10.3%	2.5%
30 MONTANA	1,725,790	109,586	1,835,376	1,793,934	121,930	1,915,863	3.9%	11.3%	4.4%
31 NEBRASKA	2,197,853	101,073	2,298,925	2,245,102	111,322	2,356,424	2.1%	10.1%	2.5%
32 NEVADA	2,340,226	77,615	2,417,841	2,439,764	85,371	2,525,135	4.3%	10.0%	4.4%
33 NEW HAMPSHIRE	1,521,518	48,476	1,569,995	1,551,809	54,688	1,606,497	2.0%	12.8%	2.3%
34 NEW JERSEY	6,780,736	242,014	7,022,751	6,878,277	249,679	7,127,956	1.4%	3.2%	1.5%
35 NEW MEXICO	2,179,308	177,555	2,356,863	2,270,207	196,310	2,466,517	4.2%	10.6%	4.7%
36 NEW YORK	10,478,880	511,864	10,990,743	10,539,920	573,244	11,113,164	0.6%	12.0%	1.1%
37 NORTH CAROLINA	8,435,649	222,321	8,657,970	8,753,384	238,654	8,992,038	3.8%	7.3%	3.9%
38 NORTH DAKOTA	790,666	103,074	893,740	812,945	113,862	926,807	2.8%	10.5%	3.7%
39 OHIO	11,201,161	357,675	11,558,836	11,447,508	402,428	11,849,936	2.2%	12.5%	2.5%
40 OKLAHOMA	4,756,667	335,444	5,092,111	4,859,130	373,816	5,232,946	2.2%	11.4%	2.8%
41 OREGON	4,082,976	104,281	4,187,257	4,253,150	114,510	4,367,661	4.2%	9.8%	4.3%
42 PENNSYLVANIA	9,848,441	580,928	10,429,368	9,907,911	648,875	10,556,786	0.6%	11.7%	1.2%
44 RHODE ISLAND	911,377	30,673	942,050	918,625	34,175	952,800	0.8%	11.4%	1.1%
45 SOUTH CAROLINA	4,405,623	252,755	4,658,378	4,508,238	280,249	4,788,487	2.3%	10.9%	2.8%
46 SOUTH DAKOTA	1,114,262	67,612	1,181,874	1,148,044	74,638	1,222,683	3.0%	10.4%	3.5%
47 TENNESSEE	6,408,824	285,000	6,693,824	6,566,982	313,269	6,880,251	2.5%	9.9%	2.8%
48 TEXAS	22,487,734	967,927	23,455,660	23,353,999	1,065,718	24,419,716	3.9%	10.1%	4.1%
49 UTAH	3,124,861	346,938	3,471,798	3,260,143	389,158	3,649,301	4.3%	12.2%	5.1%
50 VERMONT	670,620	23,175	693,795	684,533	25,837	710,371	2.1%	11.5%	2.4%
51 VIRGINIA	5,393,866	187,754	5,581,620	5,569,998	206,362	5,776,360	3.3%	9.9%	3.5%
53 WASHINGTON	7,063,557	288,170	7,351,726	7,324,730	325,352	7,650,082	3.7%	12.9%	4.1%
54 WEST VIRGINIA	1,600,048	31,951	1,631,999	1,616,164	35,170	1,651,334	1.0%	10.1%	1.2%
55 WISCONSIN	5,535,016	423,613	5,958,629	5,700,137	455,634	6,155,772	3.0%	7.6%	3.3%
56 WYOMING	729,903	60,061	789,963	768,205	65,672	833,877	5.2%	9.3%	5.6%

"Heavy-duty" is defined as gross vehicle weight rating (GVWR) over 10,000 lbs - which are those regulatory classes covered by the CTI standards.

Vehicle Miles of Travel Summary (2028 & 2035)

State FIPS & Name	2028 VMT (10 ⁶ /Year)			2035 VMT (10 ⁶ /Year)			2028 to 2035 % Change			% of 2035 VMT from Heavy-Duty
	Light-Duty	Heavy-Duty	Total	Light-Duty	Heavy-Duty	Total	Light-Duty	Heavy-Duty	Total	
<i>48-State Contiguous US</i>	<i>3,181,495</i>	<i>338,633</i>	<i>3,520,129</i>	<i>3,273,744</i>	<i>372,253</i>	<i>3,645,997</i>	<i>2.9%</i>	<i>9.9%</i>	<i>3.6%</i>	<i>10.2%</i>
1 ALABAMA	67,940	8,500	76,439	69,141	9,308	78,449	1.8%	9.5%	2.6%	11.9%
4 ARIZONA	65,644	6,216	71,860	68,532	6,971	75,503	4.4%	12.1%	5.1%	9.2%
5 ARKANSAS	33,996	6,057	40,053	34,777	6,532	41,309	2.3%	7.8%	3.1%	15.8%
6 CALIFORNIA	367,658	29,739	397,397	383,339	33,059	416,398	4.3%	11.2%	4.8%	7.9%
8 COLORADO	57,936	3,049	60,985	60,323	3,279	63,602	4.1%	7.6%	4.3%	5.2%
9 CONNECTICUT	31,250	873	32,122	32,091	911	33,003	2.7%	4.5%	2.7%	2.8%
10 DELAWARE	10,602	589	11,191	10,792	639	11,432	1.8%	8.5%	2.1%	5.6%
11 DISTRICT OF COLUMBIA	3,850	140	3,990	3,876	160	4,036	0.7%	14.4%	1.2%	4.0%
12 FLORIDA	227,132	18,789	245,921	234,120	20,909	255,029	3.1%	11.3%	3.7%	8.2%
13 GEORGIA	120,016	14,423	134,439	125,530	15,904	141,434	4.6%	10.3%	5.2%	11.2%
16 IDAHO	17,501	2,910	20,410	18,331	3,199	21,530	4.7%	9.9%	5.5%	14.9%
17 ILLINOIS	103,271	12,148	115,419	104,618	13,221	117,839	1.3%	8.8%	2.1%	11.2%
18 INDIANA	79,517	11,190	90,707	80,659	12,343	93,003	1.4%	10.3%	2.5%	13.3%
19 IOWA	31,723	4,682	36,405	32,164	5,048	37,211	1.4%	7.8%	2.2%	13.6%
20 KANSAS	30,880	4,838	35,718	31,513	5,258	36,770	2.1%	8.7%	2.9%	14.3%
21 KENTUCKY	47,903	6,961	54,863	49,032	7,704	56,736	2.4%	10.7%	3.4%	13.6%
22 LOUISIANA	46,372	8,757	55,129	47,459	9,706	57,165	2.3%	10.8%	3.7%	17.0%
23 MAINE	14,687	1,714	16,402	14,934	1,908	16,842	1.7%	11.3%	2.7%	11.3%
24 MARYLAND	57,786	4,863	62,649	59,372	5,359	64,730	2.7%	10.2%	3.3%	8.3%
25 MASSACHUSETTS	62,723	3,841	66,563	63,345	4,157	67,501	1.0%	8.2%	1.4%	6.2%
26 MICHIGAN	100,323	6,114	106,437	101,184	6,838	108,022	0.9%	11.8%	1.5%	6.3%
27 MINNESOTA	60,745	4,632	65,376	62,021	5,120	67,141	2.1%	10.5%	2.7%	7.6%
28 MISSISSIPPI	39,393	5,522	44,915	40,055	6,033	46,088	1.7%	9.2%	2.6%	13.1%
29 MISSOURI	66,981	11,388	78,369	68,359	12,377	80,736	2.1%	8.7%	3.0%	15.3%
30 MONTANA	14,701	2,263	16,964	15,305	2,438	17,743	4.1%	7.7%	4.6%	13.7%
31 NEBRASKA	20,175	2,925	23,101	20,635	3,139	23,775	2.3%	7.3%	2.9%	13.2%
32 NEVADA	31,440	1,911	33,351	33,259	2,117	35,376	5.8%	10.8%	6.1%	6.0%
33 NEW HAMPSHIRE	14,752	1,173	15,926	15,063	1,340	16,402	2.1%	14.2%	3.0%	8.2%
34 NEW JERSEY	75,169	5,343	80,512	76,387	5,533	81,919	1.6%	3.5%	1.7%	6.8%
35 NEW MEXICO	24,260	5,666	29,927	25,281	6,187	31,468	4.2%	9.2%	5.1%	19.7%
36 NEW YORK	121,725	10,255	131,980	122,694	11,729	134,423	0.8%	14.4%	1.9%	8.7%
37 NORTH CAROLINA	126,231	6,425	132,655	131,233	6,880	138,114	4.0%	7.1%	4.1%	5.0%
38 NORTH DAKOTA	8,054	3,091	11,145	8,307	3,367	11,674	3.1%	9.0%	4.8%	28.8%
39 OHIO	119,329	8,290	127,618	121,943	9,231	131,174	2.2%	11.4%	2.8%	7.0%
40 OKLAHOMA	47,044	8,239	55,284	48,279	9,137	57,415	2.6%	10.9%	3.9%	15.9%
41 OREGON	38,993	2,556	41,549	40,887	2,763	43,650	4.9%	8.1%	5.1%	6.3%
42 PENNSYLVANIA	96,034	13,000	109,034	96,649	14,361	111,011	0.6%	10.5%	1.8%	12.9%
44 RHODE ISLAND	7,346	965	8,310	7,403	1,064	8,466	0.8%	10.3%	1.9%	12.6%
45 SOUTH CAROLINA	53,749	7,218	60,967	54,974	7,939	62,912	2.3%	10.0%	3.2%	12.6%
46 SOUTH DAKOTA	9,084	1,782	10,866	9,379	1,911	11,290	3.3%	7.2%	3.9%	16.9%
47 TENNESSEE	78,613	9,211	87,824	80,841	9,919	90,760	2.8%	7.7%	3.3%	10.9%
48 TEXAS	289,431	36,382	325,813	300,700	39,821	340,522	3.9%	9.5%	4.5%	11.7%
49 UTAH	28,647	8,540	37,187	29,974	9,699	39,673	4.6%	13.6%	6.7%	24.4%
50 VERMONT	7,714	398	8,111	7,898	433	8,331	2.4%	8.9%	2.7%	5.2%
51 VIRGINIA	68,583	5,407	73,990	70,754	5,798	76,552	3.2%	7.2%	3.5%	7.6%
53 WASHINGTON	66,353	6,356	72,709	69,634	7,067	76,701	4.9%	11.2%	5.5%	9.2%
54 WEST VIRGINIA	17,690	3,048	20,738	17,867	3,364	21,231	1.0%	10.4%	2.4%	15.8%
55 WISCONSIN	61,317	8,327	69,644	63,100	9,023	72,123	2.9%	8.4%	3.6%	12.5%
56 WYOMING	9,236	1,929	11,166	9,731	2,052	11,783	5.4%	6.4%	5.5%	17.4%

"Heavy-duty" is defined as gross vehicle weight rating (GVWR) over 10,000 lbs - which are those regulatory classes covered by the CTI standards.

Hoteling Hours Summary (2028 & 2035)

State FIPS & Name	2028 Hours (10 ³ /Year)			2035 Hours (10 ³ /Year)			2028 to 2035 % Change		
	Extended Idling	APU	Total	Extended Idling	APU	Total	Extended Idling	APU	Total
<i>48-State Contiguous US</i>	<i>350,496</i>	<i>122,887</i>	<i>473,383</i>	<i>351,250</i>	<i>141,654</i>	<i>492,904</i>	<i>0.2%</i>	<i>15.3%</i>	<i>4.1%</i>
1 ALABAMA	7,041	2,458	9,498	7,040	2,837	9,877	0.0%	15.4%	4.0%
4 ARIZONA	8,613	3,007	11,619	8,624	3,474	12,098	0.1%	15.5%	4.1%
5 ARKANSAS	8,004	2,794	10,798	8,003	3,225	11,229	0.0%	15.4%	4.0%
6 CALIFORNIA	22,962	8,016	30,978	22,960	9,253	32,213	0.0%	15.4%	4.0%
8 COLORADO	5,755	2,009	7,764	5,754	2,319	8,073	0.0%	15.4%	4.0%
9 CONNECTICUT	1,353	472	1,825	1,337	540	1,877	-1.2%	14.4%	2.8%
10 DELAWARE	263	92	355	263	106	370	0.0%	15.4%	4.0%
11 DISTRICT OF COLUMBIA	16	6	22	16	6	23	0.0%	15.4%	4.0%
12 FLORIDA	11,365	3,967	15,332	11,364	4,579	15,943	0.0%	15.4%	4.0%
13 GEORGIA	21,962	7,667	29,629	22,262	8,938	31,200	1.4%	16.6%	5.3%
16 IDAHO	3,751	1,310	5,061	3,751	1,512	5,263	0.0%	15.4%	4.0%
17 ILLINOIS	19,690	6,874	26,564	19,689	7,934	27,623	0.0%	15.4%	4.0%
18 INDIANA	12,607	4,401	17,008	12,628	5,086	17,714	0.2%	15.6%	4.2%
19 IOWA	8,287	2,893	11,179	8,286	3,339	11,625	0.0%	15.4%	4.0%
20 KANSAS	4,791	1,672	6,463	4,790	1,930	6,721	0.0%	15.4%	4.0%
21 KENTUCKY	6,714	2,344	9,058	6,743	2,714	9,458	0.4%	15.8%	4.4%
22 LOUISIANA	8,355	2,916	11,271	8,354	3,366	11,720	0.0%	15.4%	4.0%
23 MAINE	1,593	556	2,149	1,593	642	2,235	0.0%	15.4%	4.0%
24 MARYLAND	3,392	1,184	4,577	3,392	1,367	4,759	0.0%	15.4%	4.0%
25 MASSACHUSETTS	2,949	1,029	3,978	2,946	1,187	4,133	-0.1%	15.4%	3.9%
26 MICHIGAN	5,676	1,981	7,657	5,676	2,287	7,963	0.0%	15.4%	4.0%
27 MINNESOTA	2,445	853	3,298	2,444	985	3,429	0.0%	15.4%	4.0%
28 MISSISSIPPI	5,166	1,803	6,969	5,165	2,082	7,247	0.0%	15.4%	4.0%
29 MISSOURI	7,816	2,728	10,544	7,815	3,149	10,964	0.0%	15.4%	4.0%
30 MONTANA	3,235	1,129	4,364	3,235	1,304	4,538	0.0%	15.4%	4.0%
31 NEBRASKA	5,262	1,837	7,099	5,262	2,120	7,382	0.0%	15.4%	4.0%
32 NEVADA	2,471	863	3,333	2,501	1,004	3,505	1.2%	16.5%	5.2%
33 NEW HAMPSHIRE	800	279	1,079	800	322	1,122	0.0%	15.4%	4.0%
34 NEW JERSEY	6,728	2,883	9,611	6,871	2,945	9,816	2.1%	2.1%	2.1%
35 NEW MEXICO	8,391	2,929	11,319	8,390	3,381	11,771	0.0%	15.4%	4.0%
36 NEW YORK	3,667	1,280	4,947	3,666	1,477	5,144	0.0%	15.4%	4.0%
37 NORTH CAROLINA	5,018	1,752	6,770	5,016	2,022	7,038	0.0%	15.4%	4.0%
38 NORTH DAKOTA	2,205	770	2,975	2,205	889	3,094	0.0%	15.4%	4.0%
39 OHIO	6,762	2,361	9,123	6,896	2,764	9,660	2.0%	17.1%	5.9%
40 OKLAHOMA	6,586	2,299	8,886	6,586	2,654	9,240	0.0%	15.4%	4.0%
41 OREGON	1,788	624	2,413	1,788	721	2,509	0.0%	15.4%	4.0%
42 PENNSYLVANIA	14,484	5,056	19,540	14,482	5,836	20,318	0.0%	15.4%	4.0%
44 RHODE ISLAND	496	173	669	496	200	696	0.0%	15.4%	4.0%
45 SOUTH CAROLINA	8,805	3,074	11,878	8,804	3,548	12,352	0.0%	15.4%	4.0%
46 SOUTH DAKOTA	2,490	869	3,359	2,489	1,003	3,493	0.0%	15.4%	4.0%
47 TENNESSEE	17,482	6,103	23,585	17,481	7,045	24,525	0.0%	15.4%	4.0%
48 TEXAS	40,804	14,244	55,048	40,800	16,442	57,242	0.0%	15.4%	4.0%
49 UTAH	4,207	1,468	5,675	4,206	1,695	5,901	0.0%	15.4%	4.0%
50 VERMONT	419	146	565	419	169	587	0.0%	15.4%	4.0%
51 VIRGINIA	7,084	2,473	9,557	7,083	2,854	9,938	0.0%	15.4%	4.0%
53 WASHINGTON	6,500	2,269	8,770	6,500	2,619	9,119	0.0%	15.4%	4.0%
54 WEST VIRGINIA	1,908	666	2,574	1,907	769	2,676	0.0%	15.4%	4.0%
55 WISCONSIN	7,439	2,597	10,036	7,570	3,036	10,606	1.8%	16.9%	5.7%
56 WYOMING	4,901	1,711	6,612	4,901	1,975	6,875	0.0%	15.4%	4.0%

"Heavy-duty" is defined as gross vehicle weight rating (GVWR) over 10,000 lbs - which are those regulatory classes covered by the CTI standards.