

# FEDERAL-AID HIGHWAY LENGTH - 2001

## MILES BY TYPE OF SURFACE 1/

TABLE HM-31

SHEET 1 OF 2

JUNE 2004

STATE	NATIONAL HIGHWAY SYSTEM																											
	INTERSTATE SYSTEM								OTHER															TOTAL RURAL AND URBAN				
	RURAL				URBAN				RURAL				URBAN				TOTAL RURAL AND URBAN											
	PAVED 2/				PAVED 2/				PAVED 2/				PAVED 2/				PAVED 2/											
	HIGH TYPE			TOTAL	HIGH TYPE			TOTAL	LOW TYPE	INTERMED TYPE	HIGH TYPE			TOTAL	LOW TYPE	INTERMED TYPE	HIGH TYPE			TOTAL	LOW TYPE	INTERMED TYPE	HIGH TYPE					
FLEX-IBLE	COM-POSITE	RIGID	FLEX-IBLE		COM-POSITE	RIGID	FLEX-IBLE				COM-POSITE	RIGID	FLEX-IBLE				COM-POSITE	RIGID	FLEX-IBLE				COM-POSITE	RIGID	FLEX-IBLE	COM-POSITE	RIGID	FLEX-IBLE
Alabama	396	41	165	602	156	19	126	301	-	12	1,987	21	-	2,020	-	23	651	27	11	712	-	35	3,190	108	302	3,635		
Alaska	217	-	-	217	11	-	-	11	-	708	58	-	-	766	-	61	11	-	-	72	-	769	297	-	-	1,066		
Arizona	985	-	11	996	104	16	51	171	41	240	856	-	-	1,137	-	42	241	-	120	403	41	282	2,186	16	182	2,707		
Arkansas	55	119	293	467	36	29	124	189	-	3	1,477	244	51	1,775	-	3	140	27	57	227	-	6	1,708	419	525	2,658		
California	603	148	567	1,318	179	223	676	1,078	-	41	3,105	263	275	3,684	-	27	714	233	505	1,479	-	68	4,601	867	2,023	7,559		
Colorado	448	38	283	769	86	24	75	185	-	106	1,625	20	87	1,838	-	33	480	54	53	620	-	139	2,639	136	498	3,412		
Connecticut	48	50	3	101	61	178	6	245	-	-	101	151	-	252	-	-	97	263	4	364	-	-	307	642	13	962		
Delaware	-	-	-	-	-	15	26	41	-	-	3	125	76	204	-	1	-	36	28	65	-	1	3	176	130	310		
District of Columbia	-	-	-	-	-	15	-	15	-	-	-	-	-	-	-	-	25	42	2	69	-	-	25	57	2	84		
Florida	815	-	136	951	392	-	127	519	30	12	1,704	-	27	1,773	13	69	971	-	19	1,072	43	81	3,882	-	309	4,315		
Georgia	286	-	520	806	248	-	191	439	-	-	2,505	-	20	2,525	-	-	770	-	37	807	-	-	3,809	-	768	4,577		
Hawaii	-	-	6	6	18	-	31	49	-	-	157	-	5	162	-	2	120	-	2	124	-	2	295	-	44	341		
Idaho	423	3	101	527	62	-	23	85	-	66	1,551	-	36	1,653	-	6	80	-	10	96	-	72	2,116	3	170	2,361		
Illinois	56	1,048	408	1,512	9	504	137	650	-	-	89	1,653	99	1,841	-	-	72	1,245	356	1,673	-	-	226	4,450	1,000	5,676		
Indiana	79	663	110	852	11	253	52	316	-	-	320	809	168	1,297	-	9	69	196	101	375	-	9	479	1,921	431	2,840		
Iowa	53	-	582	635	7	-	140	147	-	-	223	-	1,817	2,040	-	-	37	-	320	357	-	-	320	-	2,859	3,179		
Kansas	537	13	143	693	44	14	123	181	-	22	2,306	89	209	2,626	-	-	110	44	85	239	-	22	2,997	160	560	3,739		
Kentucky	348	21	163	532	116	20	93	229	-	-	1,351	101	265	1,717	-	-	205	109	71	385	-	-	2,020	251	592	2,863		
Louisiana	111	104	343	558	27	49	161	237	-	-	339	770	76	1,185	-	3	139	225	115	482	-	3	616	1,148	695	2,462		
Maine	306	2	4	312	54	-	-	54	11	140	634	-	1	786	-	19	115	1	1	136	11	159	1,109	3	6	1,288		
Maryland	225	2	2	229	201	23	28	252	-	-	529	5	5	539	-	-	351	17	22	390	-	-	1,306	47	57	1,410		
Massachusetts	161	1	-	162	386	9	8	403	-	-	274	49	-	323	-	11	911	141	-	1,063	-	11	1,732	200	8	1,951		
Michigan	143	169	429	741	9	290	200	499	-	-	719	1,397	188	2,304	-	-	124	647	399	1,170	-	-	995	2,503	1,216	4,714		
Minnesota	95	207	366	668	15	90	125	230	-	408	1,046	839	288	2,581	-	63	157	131	115	466	-	471	1,313	1,267	894	3,945		
Mississippi	201	159	197	557	30	48	51	129	3	10	816	575	248	1,652	-	2	174	37	44	257	3	12	1,221	819	540	2,595		
Missouri	-	512	294	806	10	268	95	373	-	6	391	1,391	801	2,589	-	1	118	162	314	595	-	7	519	2,333	1,504	4,363		
Montana	1,023	47	65	1,135	34	1	21	56	50	232	2,324	11	4	2,621	-	6	45	-	12	63	50	238	3,426	59	102	3,875		
Nebraska	-	252	184	436	-	14	31	45	25	34	1,189	419	585	2,252	-	-	23	64	153	240	25	34	1,212	749	953	2,973		
Nevada	348	37	96	481	25	7	48	80	-	-	1,438	-	-	1,438	-	-	103	-	11	114	-	-	1,914	44	155	2,113		
New Hampshire	176	-	-	176	48	-	-	48	34	20	390	15	-	459	-	7	99	9	-	115	34	27	713	24	-	798		
New Jersey	64	53	1	118	180	69	64	313	-	-	181	342	2	525	-	-	357	671	52	1,080	-	-	782	1,135	119	2,036		
New Mexico	673	98	1	772	54	21	16	91	38	174	1,540	-	-	1,752	19	50	124	1	3	197	57	224	2,391	120	20	2,812		
New York	389	426	131	946	70	480	162	712	-	-	558	1,141	121	1,820	-	1	321	1,184	116	1,621	-	-	1,338	3,231	530	5,099		
North Carolina	327	60	264	651	128	116	125	369	-	-	2,155	24	51	2,230	-	-	425	10	52	487	-	-	3,035	210	492	3,737		
North Dakota	29	60	442	531	-	-	41	41	-	10	1,919	38	121	2,088	-	-	41	5	16	62	-	10	1,989	103	620	2,722		
Ohio	111	671	47	829	138	522	83	743	-	-	734	1,003	119	1,856	-	-	346	504	78	928	-	-	1,329	2,700	327	4,356		
Oklahoma	349	-	216	565	51	-	101	152	134	-	1,481	-	505	2,120	15	-	153	-	115	283	149	-	2,034	-	937	3,120		
Oregon	376	53	153	582	36	27	82	145	-	107	2,557	10	7	2,681	-	1	302	15	15	333	-	108	3,271	105	257	3,741		
Pennsylvania	141	670	396	1,207	53	318	179	550	10	11	536	1,305	387	2,249	-	9	24	315	751	335	1,434	19	35	1,045	3,044	1,297	5,440	
Rhode Island	11	10	-	21	32	16	-	48	-	22	39	4	-	65	-	14	110	7	1	132	-	36	192	37	1	266		
South Carolina	422	-	247	669	103	-	50	153	-	377	582	353	-	1,312	-	28	346	97	1	472	-	405	1,453	450	298	2,606		
South Dakota	25	95	509	629	-	6	44	50	-	7	1,307	134	748	2,196	-	-	13	7	41	61	-	7	1,345	242	1,342	2,936		
Tennessee	650	73	4	727	143	161	33	337	18	-	1,042	448	-	1,508	-	-	469	136	28	633	18	-	2,304	818	65	3,205		
Texas	1,189	582	354	2,125	390	203	416	1,009	487	80	4,819	1,021	127	6,534	138	123	2,033	423	855	3,572	625	203	8,431	2,229	1,752	13,240		
Utah	669	-	101	770	65	-	102	167	-	1	1,002	-	7	1,010	-	1	206	-	13	220	-	2	1,942	-	223	2,167		
Vermont	280	-	-	280	40	-	-	40	-	-	315	-	2	317	-	-	53	-	2	55	-	-	688	-	4	692		
Virginia	586	71	74	731	176	48	159	383	-	-	1,351	34	84	1,469	-	-	718	29	87	834	-	-	2,831	182	404	3,417		
Washington	323	14	164	501	138	3	121	262	-	31	1,974	4	102	2,111	-	-	506	34	46	586	-	31	2,941	55	433	3,460		
West Virginia	34	230	192	456	11	48	34	93	-	-	824	82	168	1,074	-	-	75	14	27	116	-	-	944	374	421	1,739		
Wisconsin	-	283	298	581	-	91	68	159	-	24	1,279	880	508	2,691	-	30	90	229	424	773	-	54	1,369	1,483	1,298	4,204		
Wyoming	650	11	166	827	27	6	54	87	8	40	1,857	46	5	1,956	-	-	69	-	11	80	-	8	2,603	63	236	2,950		
U.S. Total	15,436	7,096	9,231	31,763	4,214	4,244	4,703	13,161	889	2,944	57,559	15,816	8,395	85,603	194	659	14,224	7,827	5,285	28,189	1,083	3,603	91,433	34,983	27,614	158,716		
Puerto Rico	30	27	46	103	65	18	65	148	-	-	26	2	22	50	-	-	50	18	25	93	-	-	171	65	158	394		
GRAND TOTAL	15,466	7,123	9,277	31,866	4,279	4,262	4,768	13,309	889	2,944	57,585	15,818	8,417	85,653	194	659	14,274	7,845	5,310	28,282	1,083	3,603	91,604	35,048	27,772	159,110		

# FEDERAL-AID HIGHWAY LENGTH - 2001

## MILES BY TYPE OF SURFACE 1/

TABLE HM-31

SHEET 2 OF 2

JUNE 2004

STATE	OTHER FEDERAL-AID HIGHWAYS - RURAL									OTHER FEDERAL-AID HIGHWAYS - URBAN									OTHER FEDERAL-AID HIGHWAYS - TOTAL								
	UN-PAVED	PAVED 2/						TOTAL	TOTAL	UN-PAVED	PAVED 2/						TOTAL	TOTAL	UN-PAVED	PAVED 2/						TOTAL	TOTAL
		LOW TYPE	INTER-MEDIATE TYPE	HIGH TYPE			TOTAL				LOW TYPE	INTER-MEDIATE TYPE	HIGH TYPE			TOTAL				LOW TYPE	INTER-MEDIATE TYPE	HIGH TYPE			TOTAL		
				FLEX-IBLE	COM-POSITE	RIGID							FLEX-IBLE	COM-POSITE	RIGID							FLEX-IBLE	COM-POSITE	RIGID			
Alabama	134	3,147	3,676	8,680	129	-	15,632	15,766	-	198	1,418	2,629	117	54	4,416	4,416	134	3,345	5,094	11,309	246	54	20,048	20,182			
Alaska	791	5	950	8	-	-	963	1,754	9	950	378	20	-	-	399	408	800	6	1,328	28	-	-	1,362	2,162			
Arizona	189	371	2,370	2,813	6	-	5,560	5,749	63	405	1,514	1,796	6	14	3,735	3,798	252	776	3,884	4,609	12	14	9,295	9,547			
Arkansas	762	993	3,683	9,747	637	-	15,060	15,822	74	448	153	1,500	206	50	2,357	2,431	836	1,441	3,836	11,247	843	50	17,417	18,253			
California	386	340	5,144	13,931	229	89	19,733	20,119	142	233	4,611	20,230	526	582	26,182	26,324	528	573	9,755	34,161	755	671	45,915	46,443			
Colorado	631	186	3,554	5,519	141	31	9,431	10,062	61	80	1,318	1,625	84	150	3,257	3,318	692	266	4,872	7,144	225	181	12,688	13,380			
Connecticut	-	27	172	1,373	140	-	1,712	1,712	-	178	124	2,363	397	14	3,076	3,076	-	205	296	3,736	537	14	4,788	4,788			
Delaware	-	-	173	52	456	3	684	684	-	9	113	96	170	77	465	465	-	9	286	148	626	80	1,149	1,149			
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	72	271	22	365	365	-	-	-	72	271	22	365	365			
Florida	-	1,087	451	7,168	6	13	8,725	8,725	-	694	915	8,967	-	110	10,686	10,686	-	1,781	1,366	16,135	6	123	19,411	19,411			
Georgia	287	2,082	1,901	14,869	-	4	18,556	19,143	-	45	414	5,813	-	59	6,331	6,331	287	2,127	2,315	20,682	-	63	25,187	25,474			
Hawaii	10	10	63	647	-	-	720	720	-	12	28	448	-	9	497	497	-	22	91	1,095	-	9	1,217	1,217			
Idaho	1,451	1,045	1,326	2,825	-	-	5,196	6,647	11	64	109	1,117	-	5	1,295	1,306	1,462	1,109	1,435	3,942	-	5	6,491	7,953			
Illinois	413	2,709	150	7,712	8,294	378	19,243	19,656	32	791	396	2,685	4,046	972	8,990	8,922	445	3,500	546	10,397	12,340	1,350	28,133	28,578			
Indiana	16	24	6,152	5,800	835	367	13,178	13,194	46	47	3,130	1,726	619	296	5,818	5,864	62	71	9,282	7,526	1,454	663	18,996	19,051			
Iowa	1,240	360	26	7,896	-	10,212	18,494	19,734	39	80	7	750	-	1,878	2,715	2,754	1,279	440	33	8,646	-	12,090	21,209	22,488			
Kansas	12,037	2,361	8,275	4,961	125	107	15,829	27,866	78	25	947	894	385	302	2,553	2,631	12,115	2,386	9,222	5,855	510	409	18,382	30,497			
Kentucky	-	-	4,017	3,541	1,192	31	8,781	8,781	-	-	725	1,664	216	78	2,683	2,683	-	-	4,742	5,205	1,408	109	11,464	11,464			
Louisiana	-	-	494	6,721	1,412	126	8,753	8,753	-	-	572	1,401	476	815	3,264	3,264	-	-	1,066	8,122	1,888	941	12,017	12,017			
Maine	-	2,126	1,422	749	8	-	4,305	4,305	-	180	352	279	2	2	815	815	-	2,306	1,774	1,028	10	2	5,120	5,120			
Maryland	-	-	90	2,680	-	-	2,770	2,770	-	5	56	3,098	44	25	3,228	3,228	-	5	146	5,778	44	25	5,998	5,998			
Massachusetts	-	7	811	1,594	49	-	2,461	2,461	-	40	1,715	4,394	74	2	6,225	6,225	-	47	2,526	5,988	123	2	6,886	6,886			
Michigan	656	1,274	2,684	12,123	3,580	1,091	20,752	21,408	548	345	933	3,227	1,368	689	6,562	7,110	1,204	1,619	3,617	15,350	4,948	1,780	27,314	28,518			
Minnesota	1,054	107	10,798	10,437	129	909	22,380	23,434	3	21	2,668	763	202	270	3,924	3,927	1,057	128	13,466	11,200	331	1,179	26,304	27,361			
Mississippi	131	2,446	6,411	6,291	777	12	15,937	16,068	-	62	564	1,284	88	114	2,112	2,112	131	2,508	6,975	7,575	865	126	18,049	18,180			
Missouri	-	6,024	8,814	4,268	1,912	606	21,624	21,624	56	114	1,001	1,686	897	325	4,023	4,079	56	6,138	9,815	5,954	2,809	931	25,647	25,703			
Montana	2,196	409	2,784	4,668	2	-	7,863	10,059	4	16	228	375	-	8	627	631	2,200	425	3,012	5,043	2	8	8,490	10,690			
Nebraska	4,901	521	2,658	6,504	775	814	11,272	16,173	10	6	57	370	175	529	1,137	1,147	4,911	527	2,715	6,874	950	1,343	12,409	17,320			
Nevada	25	-	83	2,699	-	-	2,782	2,807	-	-	79	1,352	-	1	1,432	1,432	25	-	162	4,051	-	1	4,214	4,239			
New Hampshire	-	-	-	1,639	40	-	1,679	1,679	-	85	-	693	36	-	814	814	-	85	-	2,332	76	-	2,493	2,493			
New Jersey	-	-	-	1,443	600	-	2,043	2,043	-	-	78	4,346	1,275	36	5,735	5,735	-	-	78	5,789	1,875	36	7,778	7,778			
New Mexico	145	894	2,376	2,413	36	-	5,719	5,864	18	90	608	378	4	29	1,109	1,127	163	984	2,984	2,791	40	29	6,828	6,991			
New York	-	-	873	5,897	3,503	111	10,384	10,384	-	8	1,281	4,123	4,566	612	10,590	10,590	-	8	2,154	10,020	8,069	723	20,974	20,974			
North Carolina	-	568	-	10,566	60	168	11,362	11,362	-	203	-	4,869	45	35	5,152	5,152	-	771	-	15,435	105	203	16,514	16,514			
North Dakota	4,373	1,075	975	8,052	1	47	10,150	14,523	37	13	151	256	21	125	566	603	4,410	1,088	1,126	8,908	22	172	10,716	15,126			
Ohio	-	63	514	12,264	2,196	37	15,074	15,074	-	-	402	5,836	1,760	335	8,333	8,333	-	63	916	18,100	3,956	372	23,407	23,407			
Oklahoma	4,919	11,590	4	7,615	-	255	19,464	24,383	67	745	15	2,202	-	494	3,456	3,523	4,986	12,335	19	9,817	-	749	22,920	27,906			
Oregon	842	232	3,269	7,076	10	29	10,616	11,458	-	21	119	2,401	33	51	2,625	2,625	842	253	3,388	9,477	43	80	13,241	14,083			
Pennsylvania	-	-	518	8,115	4,548	246	13,427	13,427	-	63	1,495	4,475	2,137	215	8,385	8,385	-	63	2,013	12,590	6,885	461	21,812	21,812			
Rhode Island	-	-	152	62	24	13	251	251	-	8	800	320	20	7	1,155	1,155	-	8	952	382	44	20	1,406	1,406			
South Carolina	-	-	8,641	3,124	275	4	12,044	12,044	-	2	1,753	886	50	17	2,708	2,708	-	2	10,394	4,010	325	21	14,752	14,752			
South Dakota	5,189	3,309	2,676	4,708	102	134	10,929	16,118	5	143	221	42	12	126	544	549	5,194	3,452	2,897	4,750	114	260	11,473	16,667			
Tennessee	-	8	-	8,123	909	-	9,040	9,040	-	40	5	3,775	749	25	4,594	4,594	-	48	5	11,898	1,658	25	13,634	13,634			
Texas	-	22,318	630	20,898	2,154	196	46,196	46,196	130	4,951	1,390	7,937	794	2,708	17,780	17,910	130	27,269	2,020	28,835	2,948	2,904	63,976	64,106			
Utah	422	-	845	3,570	-	6	4,421	4,843	6	-	459	625	-	38	1,122	1,128	428	-	1,304	4,195	-	44	5,543	5,971			
Vermont	-	367	81	2,277	-	4	2,729	2,729	-	80	44	289	-	5	418	418	-	447	125	2,566	-	9	3,147	3,147			
Virginia	-	3,472	617	9,222	76	43	13,430	13,430	16	99	89	3,759	122	55	4,124	4,140	16	3,571	706	12,981	198	98	17,554	17,570			
Washington	173	52	3,279	6,706	76	39	10,152	10,325	6	18	900	3,621	330	183	5,052	5,058	179	70	4,179	10,327	406	222	15,204	15,383			
West Virginia	-	580	305	6,638	5	17	7,545	7,545	-	16	22	811	28	85	962	962	-	596	327	7,449	33	102	8,507	8,507			
Wisconsin	-	-	9,891	6,983	2,102	327	19,303	19,303	-	-	1,605	810	778	1,108	4,301	4,301	-	-	11,496	7,793	2,880	1,435	23,604	23,604			
Wyoming	51	74	3,106	482	-	44	3,706	3,757	21	8	154	562	-	36	760	781	72	82	3,260	1,044	-	80	4,466	4,538			
<b>U.S. Total</b>	<b>43,414</b>	<b>72,263</b>	<b>117,884</b>	<b>294,149</b>	<b>37,551</b>	<b>16,513</b>	<b>538,360</b>	<b>581,774</b>	<b>1,482</b>	<b>10,692</b>	<b>36,116</b>	<b>125,640</b>	<b>23,129</b>	<b>13,777</b>	<b>209,354</b>	<b>210,836</b>	<b>44,896</b>	<b>82,955</b>	<b>154,000</b>	<b>419,789</b>	<b>60,680</b>	<b>30,290</b>	<b>747,714</b>	<b>792,610</b>			
Puerto Rico	-	-	31	1,109	-	-	1,140	1,140	-	-	3	1,237	4	53	1,297	1,297	-	-	34	2,346	4	53	2,437	2,437			
<b>GRAND TOTAL</b>	<b>43,414</b>	<b>72,263</b>	<b>117,915</b>	<b>295,258</b>	<b>37,551</b>	<b>16,513</b>	<b>539,500</b>	<b>582,914</b>	<b>1,482</b>	<b>10,692</b>	<b>36,119</b>	<b>126,877&lt;/</b>															

# FEDERAL-AID HIGHWAY LENGTH - 2001

## MILES BY TYPE OF SURFACE 1/

### HM-31 Footnotes

1/ Some differences from other tables may be noted because these are estimated from sample data; samples entirely on structures are not included.

2/ Paved includes the following categories: Low Type- an earth, gravel or stone roadway which has a bituminous surface course less than 1" thick--suitable for occasional heavy loads; Intermediate Type- a mixed bituminous or bituminous penetration roadway on a flexible base having a combined surface and base thickness less than 7"; High-Type Flexible- a mixed bituminous or bituminous penetration roadway on a flexible base with a combined surface thickness of 7" or more; also includes brick, block or combination roadways; High-Type Composite- a mixed bituminous or bituminous penetration roadway of more than 1" compacted material on a rigid base with a combined surface and base thickness of 7" or more; High-Type Rigid- a Portland Cement Concrete roadway with or without a bituminous wearing surface of less than 1".