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2012 ANNUAL VEHICLE MILES OF TRAVEL (AVMT)  
2011 HPMS DATA YEAR

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Note: The data contained in this publication is produced from 2011 Highway Performance Monitoring System (HPMS) data. Due to rounding, some totals may seem incorrect

# INTRODUCTION

The purpose of this publication is to provide transportation analysts, planners and other researchers a ready reference for Annual Vehicle Miles of Travel (AVMT) used for a multitude of applications. AVMT is calculated by multiplying the Annual Average Daily Traffic (AADT) by the roadway segment length, and then multiplying this figure by 365 to produce “segment” AVMT. Segment AVMT for a route or other category is then summed to calculate a category total. The table of contents will provide the user an easy reference for the data summaries most commonly used, including County and Functional Classification totals.

The AVMT data has been developed by the Nevada Department of Transportation, Roadway Systems Division in cooperation with the U.S. Department of Transportation, Federal Highway Administration. It is based on the Highway Performance Monitoring System (HPMS) sample plan and is considered representative of all roadway functional classifications regardless of ownership. Traffic volume data was developed in accordance with Nevada’s Traffic Monitoring System.

Historically, some of the more important applications of AVMT data have been its use in the formula utilized to distribute gasoline taxes to local governments and as the foundation of every cost allocation study developed at the Nevada Department of Transportation for the past 20 years. These studies provide the Nevada Legislature critical information when determining appropriate taxes and user fees relevant to highway transportation. Other important uses include, but are not limited to, the calculation of collision rates in conjunction with collision data, truck travel calculations, economic growth indicators, and as a check against tax reporting on diesel fuel consumption.

Questions regarding the development of this report should be addressed to Steve Jackson, NDOT Roadways Systems Division at (775) 888-7036. Questions regarding Nevada’s Traffic Monitoring System should be addressed to Randy Travis, NDOT Traffic Information Division at (775) 888-7158.

Note: Due to the current audit of NDOT’s Functional Class System, there may be slight fluctuations in local and arterial miles.

## TOTAL AVMTS BY COUNTY

COUNTY	% AVMT	AVMT	% MILES	MILES
CARSON CITY	1.74	387,977,040	0.85	312
CHURCHILL	1.25	279,375,889	2.94	1,082
CLARK	67.19	15,019,341,642	21.33	7,858
DOUGLAS	1.69	376,899,333	2.00	735
ELKO	3.08	689,542,486	6.62	2,439
ESMERALDA	0.40	88,784,264	3.59	1,322
EUREKA	0.60	135,203,756	5.30	1,951
HUMBOLDT	1.54	344,896,745	4.63	1,705
LANDER	0.56	125,885,777	4.82	1,774
LINCOLN	0.58	130,589,097	10.48	3,860
LYON	1.89	423,227,312	3.47	1,279
MINERAL	0.49	109,084,528	2.41	887
NYE	2.54	568,645,925	11.98	4,414
PERSHING	1.12	250,645,691	4.22	1,556
STOREY	0.12	26,343,111	0.28	102
WASHOE	14.44	3,228,856,122	7.16	2,637
WHITE PINE	0.76	168,783,188	7.95	2,927
<b>GRAND TOTALS</b>	<b>100</b>	<b>22,354,081,906</b>	<b>100</b>	<b>36,839</b>

## TOTAL AVMTS BY COUNTY AND FUNCTIONAL CLASS

COUNTY	FC	FUNCTIONAL CLASS (FC)	% AVMT	TOTAL AVMT	MILES
CARSON CITY	2	Principal Arterial - Other Freeways & Expressways - Urban	0.26	58,926,542	6
	3	Principal Arterial - Other - Rural	0.12	27,743,649	7
	3	Principal Arterial - Other - Urban - DO	0.15	34,441,763	3
	3	Principal Arterial - Other - Urban	0.22	48,367,326	6
	4	Minor Arterial - Other - Rural	0.04	8,001,895	4
	4	Minor Arterial - Urban - DO	0.01	1,758,350	1
	4	Minor Arterial - Urban	0.51	113,795,574	23
	5	Major Collector -Urban - DO	0.01	11,753	0.007
	6	Minor Collector - Rural	0.01	1,406,221	3
	6	Minor Collector - Urban - DO	0.05	11,862,536	16
	6	Minor Collector - Urban	0.22	48,701,931	49
	7	Local - Rural	0.01	21,900	6
	7	Local - Urban	0.15	32,937,600	188
Carson City Total			1.76	387,977,040	312
CHURCHILL	1	Principal Arterial - Interstate - Rural	0.33	74,046,308	28
	3	Principal Arterial - Other - Rural	0.43	97,216,518	160
	3	Principal Arterial - Other - SU	0.24	52,648,437	15
	4	Minor Arterial - Other - SU	0.03	6,823,784	7
	5	Major Collector - Rural	0.04	8,235,601	74
	6	Minor Collector - Rural	0.02	4,792,673	78
	6	Minor Collector - SU	0.08	18,384,568	30
	7	Local - Rural	0.04	9,490,000	650
7	Local - SU	0.03	7,738,000	40	
Churchill Total			1.25	279,375,889	1,082
CLARK	1	Principal Arterial - Interstate - Rural	3.66	817,234,654	86
	1	Principal Arterial - Interstate - SU	0.14	32,047,727	5
	1	Principal Arterial - Interstate - Urban	12.04	2,691,524,584	65
	2	Principal Arterial - Other Freeways & Expressways - Urban	5.69	1,272,504,992	35
	3	Principal Arterial - Other - Rural	1.87	418,066,175	173
	3	Principal Arterial - Other - SU	0.19	42,467,752	5

## TOTAL AVMTS BY COUNTY AND FUNCTIONAL CLASS

COUNTY	FC	FUNCTIONAL CLASS (FC)	% AVMT	TOTAL AVMT	MILES
	3	Principal Arterial - Other - Urban	8.45	1,888,587,730	164
	4	Minor Arterial - Other- Rural	0.17	38,975,801	23
	4	Minor Arterial - SU	0.15	34,098,591	20
	4	Minor Arterial - Urban	15.80	3,532,660,737	525
	5	Major Collector - Rural	0.40	89,067,043	211
	6	Minor Collector - Rural	0.22	49,803,275	114
	6	Minor Collector - SU	0.05	11,279,223	17
	6	Minor Collector - Urban	6.98	1,559,203,508	560
	7	Local - Rural	0.74	164,498,200	2,372
	7	Local - Urban	10.63	2,377,321,650	3,483
		Clark Total	67.18	15,019,341,642	7,858
DOUGLAS	3	Principal Arterial - Other - Rural	0.76	170,051,679	36
	3	Principal Arterial - Other - SU	0.37	83,716,580	17
	4	Minor Arterial - Other - Rural	0.23	52,134,921	37
	5	Major Collector - Rural	0.04	8,242,375	12
	6	Minor Collector - Rural	0.04	8,095,171	21
	6	Minor Collector - SU	0.20	44,872,957	40
	7	Local - Rural	0.01	2,613,400	179
	7	Local - Urban	0.03	7,172,250	393
		Douglas Total	1.68	376,899,333	735
ELKO	1	Principal Arterial - Interstate - Rural	1.31	293,270,630	123
	1	Principal Arterial - Interstate - SU	0.16	32,598,223	9
	3	Principal Arterial - Other - Rural	0.44	97,737,320	142
	3	Principal Arterial - Other - SU	0.09	20,456,571	4
	4	Minor Arterial - Other - Rural	0.23	51,800,281	155
	4	Minor Arterial - SU	0.38	86,048,349	27
	5	Major Collector - Rural	0.13	29,445,565	234
	6	Minor Collector - Rural	0.06	14,386,391	396
	6	Minor Collector - SU	0.13	29,295,706	46
	7	Local - Rural	0.12	26,148,600	1,194
	7	Local - SU	0.04	8,354,850	109
		Elko Total	3.09	689,542,486	2,439
ESMERALDA	3	Principal Arterial - Other - Rural	0.30	67,261,214	97
	4	Minor Arterial - Other - Rural	0.01	2,089,136	19
	5	Major Collector - Rural	0.03	7,434,948	129
	6	Minor Collector - Rural	0.01	534,316	30
	7	Local - Rural	0.05	11,464,650	1,047
		Esmeralda Total	0.40	88,784,264	1,322

## TOTAL AVMTS BY COUNTY AND FUNCTIONAL CLASS

COUNTY	FC	FUNCTIONAL CLASS (FC)	% AVMT	TOTAL AVMT	MILES
EUREKA	1	Principal Arterial - Interstate - Rural	0.31	69,726,023	26
	3	Principal Arterial - Other - Rural	0.06	13,330,147	47
	5	Major Collector - Rural	0.16	34,814,681	149
	6	Minor Collector - Rural	0.03	6,747,905	279
	7	Local - Rural	0.05	10,585,000	1,450
		Eureka Total	0.61	135,203,756	1,951
HUMBOLDT	1	Principal Arterial - Interstate - Rural	0.63	141,506,959	53
	1	Principal Arterial - Interstate - SU	0.09	20,917,092	8
	3	Principal Arterial - Other - Rural	0.22	49,870,351	70
	3	Principal Arterial - Other - SU	0.05	11,645,033	6
	4	Minor Arterial - SU	0.09	19,291,820	9
	5	Major Collector - Rural	0.10	21,344,875	158
	5	Major Collector - Urban	0.01	2,236,939	2
	6	Minor Collector - Rural	0.19	42,131,384	260
	6	Minor Collector - SU	0.04	9,256,192	10
	7	Local - Rural	0.11	25,623,000	1,080
		Humboldt Total	1.54	344,896,745	1,705
LANDER	1	Principal Arterial - Interstate - Rural	0.32	69,927,502	27
	3	Principal Arterial - Other - Rural	0.07	14,860,515	75
	5	Major Collector - Rural	0.07	15,270,294	97
	6	Minor Collector - Rural	0.02	4,847,266	138
	7	Local - Rural	0.09	20,980,200	1,437
		Lander Total	0.57	125,885,777	1,774
LINCOLN	3	Principal Arterial - Other - Rural	0.25	55,754,772	100
	4	Minor Arterial - Other - Rural	0.15	32,416,072	122
	5	Major Collector - Rural	0.07	15,400,949	199
	6	Minor Collector - Rural	0.01	3,321,504	193
	7	Local - Rural	0.11	23,695,800	3,246
		Lincoln Total	0.59	130,589,097	3,860
LYON	1	Principal Arterial - Interstate - Rural	0.10	22,892,508	9
	1	Principal Arterial - Interstate - SU	0.16	35,017,224	7
	3	Principal Arterial - Other - Rural	0.52	115,631,709	38

## TOTAL AVMTS BY COUNTY AND FUNCTIONAL CLASS

COUNTY	FC	FUNCTIONAL CLASS (FC)	% AVMT	TOTAL AVMT	MILES
	3	Principal Arterial - Other - CC Urban	0.04	8,611,080	1
	3	Principal Arterial - Other - Urban	0.10	22,681,756	7
	4	Minor Arterial - Other - Rural	0.31	70,289,287	56
	4	Minor Arterial - SU	0.20	43,783,307	16
	5	Major Collector - Rural	0.15	32,834,086	80
	6	Minor Collector - Rural	0.10	22,129,004	142
	6	Minor Collector - SU	0.03	6,794,701	33
	7	Local - Rural	0.17	38,481,950	804
	7	Local - SU	0.02	4,080,700	86
		Lyon Total	1.90	423,227,312	1,279
MINERAL	3	Principal Arterial - Other - Rural	0.38	83,894,497	92
	4	Minor Arterial - Rural	0.06	12,894,589	50
	5	Major Collector - Rural	0.02	5,447,954	60
	6	Minor Collector - Rural	0.01	2,241,188	54
	7	Local Rural	0.02	4,606,300	631
		Mineral Total	0.49	109,084,528	887
NYE	3	Principal Arterial - Other - Rural	0.59	130,839,958	230
	3	Principal Arterial - Other - SU	0.31	68,345,706	11
	4	Minor Arterial - Other - Rural	0.08	18,386,848	129
	4	Minor Arterial - Other - SU	0.06	12,815,573	8
	5	Major Collector - Rural	0.34	76,788,748	213
	5	Major Collector - SU	0.01	570,312	1
	6	Minor Collector - Rural	0.01	2,342,632	82
	6	Minor Collector - SU	0.63	141,688,623	57
	7	Local - Rural	0.21	47,216,400	3,234
	7	Local - SU	0.31	69,651,125	449
		Nye Total	2.55	568,645,925	4,414
PERSHING	1	Principal Arterial - Interstate - Rural	0.94	209,264,820	75
	5	Major Collector - Rural	0.05	10,235,863	101
	6	Minor Collector - Rural	0.03	7,584,258	164
	7	Local - Rural	0.11	23,560,750	1,291
		Pershing Total	1.13	250,645,691	1,556
STOREY	1	Principal Arterial - Interstate - Rural	0.02	5,238,480	0.624
	4	Minor Arterial - Other - Rural	0.01	193,268	11
	5	Major Collector - Rural	0.08	16,922,622	44
	6	Minor Collector - Rural	0.01	1,097,941	22
	7	Local - Rural	0.01	2,890,800	24



## TOTAL AVMTS BY COUNTY AND FUNCTIONAL CLASS

COUNTY	FC	FUNCTIONAL CLASS (FC)	% AVMT	TOTAL AVMT	MILES
		Storey Total	0.13	26,343,111	102
WASHOE	1	Principal Arterial - Interstate - Rural	0.89	198,806,361	22
	1	Principal Arterial - Interstate - Urban	2.92	653,492,348	27
	2	Principal Arterial - Other Freeways & Expressways - Urban	1.72	384,925,949	22
	3	Principal Arterial - Other - Rural	0.32	70,437,334	7
	3	Principal Arterial - Other - Urban	2.92	653,510,094	97
	4	Minor Arterial - Other - Rural	0.69	154,288,347	106
	4	Minor Arterial - SU	0.14	31,074,566	10
	4	Minor Arterial - Other - Urban	2.44	545,167,703	158
	5	Major Collector - Rural	0.09	19,517,758	114
	5	Major Collector - SU	0.01	905,820	1
	5	Major Collector - Urban	0.01	221,190	0.202
	6	Minor Collector - Rural	0.15	33,009,169	207
	6	Minor Collector - SU	0.04	9,728,272	10
	6	Minor Collector - Urban	0.68	152,823,061	124
	7	Local - Rural	0.50	112,215,600	854
	7	Local - SU	0.08	18,177,000	249
	7	Local - Urban	0.85	190,555,550	629
		Washoe Total	14.45	3,228,856,122	2,637
WHITE PINE	3	Principal Arterial - Other - Rural	0.52	116,639,106	241
	4	Minor Arterial - Other - Rural	0.04	8,336,713	47
	5	Major Collector - Rural	0.04	8,251,734	127
	6	Minor Collector - Rural	0.03	6,390,310	229
	7	Local - Rural	0.13	29,165,325	2,283
		White Pine Total	0.76	168,783,188	2,927
GRAND TOTALS			100	22,354,081,906	36,839

**TOTAL AVMTS ON THE NATIONAL HIGHWAY SYSTEM (NHS)  
BY COUNTY AND ROUTE**

COUNTY	ROUTE	RMID	% AVMT	AVMT	% MILES	MILES
CARSON CITY	US50	7	0.94	83,695,595	0.64	14
	US395	6	0.57	50,959,450	0.23	5
	SR529	114	0.38	33,674,154	0.09	2
Carson City Total			1.89	168,329,199	0.96	21
CHURCHILL	IR80	5	0.83	74,046,306	1.29	28
	US50	7	0.95	84,812,764	4.92	107
	US50A	8	0.29	25,564,305	0.41	9
	US95	12	0.44	39,487,883	2.71	59
	SR720	157	0.01	570,407	0.14	3
	Pasture Rd	127088	0.01	119,753	0.02	0.367
Churchill Total			2.53	224,601,418	9.49	206.37
CLARK	IR15	1	24.26	2,159,569,220	5.70	124
	IR215	2	6.62	589,678,670	0.55	12
	IR515	3	8.89	791,559,075	0.92	20
	US93	10	1.74	155,168,798	2.21	48
	US95	12	11.08	986,048,549	5.20	113
	SR593	128	1.67	148,854,293	0.37	8
	SR595	130	1.08	96,032,595	0.28	6
	Tropicana Ave	137611	0.64	56,997,670	0.14	3
Clark Total			55.98	4,983,908,870	15.37	334
DOUGLAS	US50	7	0.86	76,650,726	0.69	15
	US395	6	2.15	191,381,399	1.56	34
	SR88	195	0.23	20,177,894	0.37	8
Douglas Total			3.24	288,210,019	2.62	57
ELKO	IR80	5	3.66	325,868,851	6.11	133
	US93	10	1.10	97,737,319	6.53	142
Elko Total			4.76	423,606,170	12.64	275
ESMERALDA	US95	12	0.45	40,291,984	2.67	58
Esmeralda Total			0.45	40,291,984	2.67	58
EUREKA	IR80	5	0.78	69,726,023	1.20	26
	US50	7	0.15	13,330,147	2.16	47
Eureka Total			0.93	83,056,170	3.36	73

**TOTAL AVMTS ON THE NATIONAL HIGHWAY SYSTEM (NHS)  
BY COUNTY AND ROUTE**

COUNTY	ROUTE	RMID		AVMT	% MILES	MILES
HUMBOLDT	IR80	5	1.82	162,424,051	2.80	61
	US95	12	0.69	61,006,171	3.45	75
Humboldt Total			2.51	223,430,222	6.25	136
LANDER	IR80	5	0.79	69,927,500	1.24	27
	US50	7	0.14	128,884,259	2.62	57
Lander Total			0.93	198,811,759	3.86	84
LINCOLN	US93	10	0.38	34,174,403	2.34	51
	SR318	67	0.24	21,580,369	2.25	49
Lincoln Total			0.62	55,754,772	4.59	100
LYON	IR80	5	0.65	57,909,729	0.74	16
	US50	7	1.34	119,030,479	1.61	35
	US50A	8	0.68	60,017,863	1.06	23
	US95	12	0.03	2,472,072	0.14	3
	US95A	13	0.62	55,562,997	2.07	45
Lyon Total			3.32	294,993,140	5.62	122
MINERAL	US6	9	0.05	4,174,257	0.69	15
	US95	12	0.94	83,894,497	4.23	92
	SR360	78	0.05	4,069,721	1.06	23
Mineral Total			1.04	92,138,475	5.98	130
NYE	US95	12	1.06	94,680,526	4.97	108
	SR318	67	0.16	14,202,879	1.79	39
Nye Total			1.22	108,883,405	6.76	147
PERSHING	IR80	5	2.35	209,264,819	3.45	75
Pershing Total			2.35	209,264,819	3.45	75
STOREY	IR80	5	0.05	5,238,480	0.03	0.624
Storey Total			0.05	5,238,480	0.03	0.624
WASHOE	IR80	5	7.07	629,722,804	2.07	45
	IR580	4	2.52	224,322,065	0.23	5
	US395	6	5.13	456,845,197	1.29	28
	SR659	11119	0.21	188,558,635	1.06	23
Washoe Total			14.93	1,499,448,701	4.65	101

**TOTAL AVMTS ON THE NATIONAL HIGHWAY SYSTEM (NHS)  
BY COUNTY AND ROUTE**

COUNTY	ROUTE	RMID		AVMT	% MILES	MILES
WHITE PINE	US6	9	2.12	37,186,386	4.64	101
	US50	7	0.42	25,201,086	3.17	68
	US93	10	0.28	48,228,433	2.90	63
	SR318	67	0.54	8,802,632	1.06	23
White Pine Total			3.36	119,418,537	11.77	255
GRAND TOTALS			100	9,019,386,140	100	2175

## TOTAL AVMTS BY FUNCTIONAL CLASS AND RURAL/URBAN DESIGNATION

FC CODE	FUNCTIONAL CLASS	% AVMT	TOTAL AVMT	MILES
RURAL				
1	Interstate	8.51	1,901,914,245	450
3	Principal Arterial - Other	6.84	1,529,334,944	1,515
4	Minor Arterial	2.01	449,807,158	766
5	Major Collector	1.79	399,255,096	2,002
6	Minor Collector	0.94	210,860,608	2,412
7	Local	2.47	553,257,875	21,714
Rural Totals		22.57	5,044,429,926	28,859
URBAN				
1	Principal Arterial - Interstate	15.50	3,465,597,198	121
2	Principal Arterial - Other Freeways & Expressways	7.68	1,716,357,483	63
3	Principal Arterial - Other	13.13	2,935,479,828	329
4	Minor Arterial	19.81	4,427,318,354	804
5	Major Collector	0.02	3,946,014	3
6	Minor Collector	9.14	2,043,891,278	992
7	Local	12.15	2,717,061,825	5,668
Urban Totals		77.43	17,309,651,980	7,980
Grand Totals		100	22,354,081,906	36,839