



# 2023 Roadway Inventory Report

Summary Mileage, Traffic and Environmental Statistics



# Contents

About This Report ..... 3

Roadway Data Tables ..... 3

Glossary ..... 3

Historical Trends Data Notes..... 4

CO2 Emissions and Fuel Consumption Notes ..... 4

Table 1: 2023 Mileage by TxDOT District ..... 5

Table 2: 2023 Daily Vehicle Miles Travelled (DVMT) by TxDOT District .... 7

Table 3: 2023 Mileage and Daily Vehicle Miles Travelled (DVMT) by  
Metropolitan Planning Organization (MPO) ..... 9

Table 4: 1970-2023 Historical Trends: Mileage and  
Daily Vehicle Miles Travelled (DVMT) ..... 10

Figure 1: Total Centerline Miles by Year ..... 13

Figure 2: Total Lane Miles by Year ..... 14

Figure 3: Daily Vehicle Miles of Travel (DVMT) by Year ..... 15

Figure 4: Truck Daily Vehicle Miles of Travel (Truck DVMT) by Year ..... 16

Figure 5: Annual On-Road Carbon Dioxide Emissions - All Roads..... 17

Figure 6: Annual On-Road Carbon Dioxide Emissions – National  
Highway System (NHS) ..... 18

Figure 7: Total Annual On-Road Carbon Dioxide Emissions - All Roads.. 19

Figure 8: Annual Fuel Consumption - All Roads ..... 20



## About This Report

The 2023 Roadway Inventory Report is prepared by the Texas Department of Transportation, Transportation Planning and Programming Division.

This report is in a new format for data year 2023. Reports from previous years present different varieties of data using different criteria, so a direct comparison between this report and *Roadway Inventory Annual Report* documents from previous years is not recommended.

**Date of Publication:** 11/18/2024

**Data Year:** All years referenced within this report are based upon calendar year. All tables and charts contain certified year-end (YE) Roadway Inventory data. Because fiscal year for the State of Texas corresponds to the period of September 1 through August 31, there is no direct parallel between fiscal year and calendar year. If mileage and traffic statistics are desired for a fiscal year (FY), one possible solution is to use calendar year data for the following fiscal year. For instance, YE2023 data in this document could be used for FY2024. However, this is not a perfect equivalency.

**Data Criteria** for all mileage and traffic statistics within this report: Roadways within the state of Texas which are open to public traffic (see Historical Trends Data Notes for exceptions); No proposed, unbuilt roadways; Connectors, ramps, grade separated connectors (aka direct connectors), and other ancillary roadbeds omitted; Mainlanes and frontage are combined unless specified otherwise.

## Roadway Data Tables

Mileage and traffic statistics are also available in the Multi-Year Roadway Data Tables. This document presents data broken down by additional metrics not found in this Roadway Inventory Report. It is in Microsoft Excel format and can be filtered by the user to obtain desired aggregations.

The Roadway Data Tables document also contains extensive annotations regarding data criteria and calculations, and is intended as a companion to this Annual Report document. The Roadway Data Tables can be found at the following URL:

<https://www.txdot.gov/inside-txdot/division/transportation-planning/roadway-inventory.html>

## Glossary

**Centerline Mileage:** Mileage of a segment of roadway, regardless of the number of through lanes. Centerline mileage for mainlanes is calculated separately from centerline mileage for frontage roads, which are considered distinct roadways. For instance, a 1 mile segment of highway with left and right roadbeds, each with four lanes, would be represented as 1 centerline mile. If that segment contained right and left frontage roads, the mainlanes and frontage roads would be represented in the data as 3 unique roadways, 1 centerline mile each, for a total of 3 miles.

**Daily Vehicle Miles of Travel (DVMT):** Daily number of miles traveled by all vehicles. Inclusive of Truck DVMT.

**Lane Mileage:** Mileage of all through lanes of a segment of roadway. For instance, a 1 mile segment of highway with left and right roadbeds, each with four through lanes, would be represented as 8 lane miles. As with centerline mileage, frontage lane mileage is calculated separately from the lane mileage of mainlanes.

**National Highway System (NHS):** A network of strategic highways within the United States. The NHS consists of roadways important to the nation's economy, defense, and mobility. NHS statistics within these reports are limited to NHS highways within the state of Texas.

**Off-System:** Not under the jurisdiction of TxDOT.

**On-System:** Under the jurisdiction of TxDOT.



**Truck Daily Vehicle Miles of Travel (Truck DVMT):** Daily number of miles traveled by trucks only. Unlike other data types, Truck DVMT values are not rounded before aggregation. Therefore, aggregating Truck DVMT by different combinations of subtotal values may result in a negligible discrepancy from the Statewide Total.

## Historical Trends Data Notes

The following notes apply to *Table 4: 1970-2023 Historical Trends and Figures 1 through 4*.

**Rounding:** Total columns are aggregated using source data which are not rounded. As a result, the rounded Total value may not always equal the aggregation of the rounded values in the corresponding columns.

**Roadway Status:** 1970-2006 mileage includes roadways which are open to traffic or under construction. Beginning in 2007, mileage includes open to traffic only.

**DVMT Calculation:** For the years of 1985-1996, "Total Daily Vehicle Miles of Travel" was updated with the corrected calculated sum of the values of "Daily Vehicle Miles of Travel (On-System)" and "Daily Vehicle Miles of Travel (Off-System)".

**2014 DVMT:** Traffic-related data was the result of a new data system in 2014. Based on this information, statewide Daily Vehicle Miles of Travel (DVMT) decreased 0.6% when compared to the 2013 data, contrary to an expected increase based on other economic indicators which suggest traffic growth in Texas.

**2014-2017 Mileage:** Total public roadway mileage was held constant from 2014 to 2015 due to the transition to a new roadway inventory database system (GRID). This transition continued in 2016, when mileage updates were limited to select On-System routes. In 2017, the transition from the legacy system to GRID was completed. Mileage and traffic data

were reported for the first time using GRID, and the routine work of roadway edits and additions was resumed.

**2021 Mileage:** Mileage increases for 2021 are largely due to a significant effort to review and update City Streets and County Roads and do not necessarily indicate an increase in construction activity for the year.

## CO2 Emissions and Fuel Consumption Notes

The following notes apply to *Figures 5 through 8 and their accompanying tables*.

The calculations used to derive Annual Fuel Consumption and Annual Carbon Dioxide Emissions require the use of statistics not found within the TxDOT certified datasets.

The fuel consumption figures presented here were published by the Federal Highway Administration. CO2 emissions are calculated from the fuel consumption figures, mirroring the Federal Highway Administration's GHG (Greenhouse Gas) Performance Measure methodology. Light Duty Vehicle CO2 emissions are based upon gasoline consumption due to gasoline's predominance as fuel for Light Duty Vehicles. Light Duty Vehicles include cars, pickup trucks, vans, motorcycles, etc. Truck CO2 emissions are based upon diesel consumption due to diesel's predominance as fuel for trucks.

For more information about calculation of CO2 emissions and fuel consumption, please see the "Data Overview" section of the Roadway Data Tables (link is above in the Roadway Data Tables section).

Note: *Roadway Inventory Annual Report* documents from previous years presented CO2 emissions and fuel consumption statistics which were calculated using a different methodology.

## Table 1: 2023 Mileage by TxDOT District

TxDOT District Number & Name	Centerline Miles: On-System Mainlanes	Centerline Miles: On-System Frontage	Centerline Miles: Off-System	Centerline Miles: Total	Lane Miles: On-System Mainlanes	Lane Miles: On-System Frontage	Lane Miles: Off-System	Lane Miles: Total
1 - Paris	3,104.613	235.665	8,072.618	<b>11,412.896</b>	6,942.404	469.982	16,153.931	<b>23,566.317</b>
2 - Fort Worth	2,799.154	561.583	15,102.526	<b>18,463.263</b>	7,984.694	1,196.253	31,835.360	<b>41,016.307</b>
3 - Wichita Falls	2,667.197	188.345	6,173.620	<b>9,029.162</b>	6,096.457	384.131	12,428.138	<b>18,908.726</b>
4 - Amarillo	3,739.397	324.404	9,894.449	<b>13,958.250</b>	8,868.364	647.955	20,001.458	<b>29,517.777</b>
5 - Lubbock	4,971.729	293.202	17,773.400	<b>23,038.331</b>	11,580.871	608.545	35,893.393	<b>48,082.809</b>
6 - Odessa	2,878.389	537.573	5,327.270	<b>8,743.232</b>	7,168.592	1,075.146	10,943.381	<b>19,187.119</b>
7 - San Angelo	3,092.996	142.794	5,269.313	<b>8,505.103</b>	7,108.833	285.453	10,603.846	<b>17,998.132</b>
8 - Abilene	3,351.354	399.715	8,122.588	<b>11,873.657</b>	7,679.533	798.903	16,363.194	<b>24,841.630</b>
9 - Waco	3,146.605	307.238	10,065.440	<b>13,519.283</b>	7,544.772	618.454	20,373.553	<b>28,536.779</b>
10 - Tyler	3,609.399	88.381	9,338.129	<b>13,035.909</b>	8,751.912	174.228	18,808.931	<b>27,735.071</b>
11 - Lufkin	2,861.409	31.165	7,077.805	<b>9,970.379</b>	6,514.143	63.430	14,155.030	<b>20,732.603</b>
12 - Houston	2,393.858	1,053.898	26,271.272	<b>29,719.028</b>	9,482.450	2,378.213	57,356.316	<b>69,216.979</b>
13 - Yoakum	3,415.319	206.764	8,698.655	<b>12,320.738</b>	7,924.831	411.791	17,478.160	<b>25,814.782</b>
14 - Austin	3,052.885	418.269	14,132.868	<b>17,604.022</b>	8,654.967	955.983	29,328.402	<b>38,939.352</b>
15 - San Antonio	3,674.761	659.853	14,667.710	<b>19,002.324</b>	9,954.451	1,364.143	30,331.214	<b>41,649.808</b>
16 - Corpus Christi	2,645.634	287.927	6,678.460	<b>9,612.021</b>	6,794.316	579.044	13,597.310	<b>20,970.670</b>
17 - Bryan	2,941.963	220.727	7,239.453	<b>10,402.143</b>	6,850.450	438.319	14,534.632	<b>21,823.401</b>
18 - Dallas	2,817.454	910.233	22,009.133	<b>25,736.820</b>	9,630.032	1,944.279	49,544.963	<b>61,119.274</b>
19 - Atlanta	2,592.493	102.620	6,312.268	<b>9,007.381</b>	6,254.038	201.815	12,664.481	<b>19,120.334</b>
20 - Beaumont	2,195.748	234.891	6,825.314	<b>9,255.953</b>	5,541.151	469.953	13,819.510	<b>19,830.614</b>

**Table 1: 2023 Mileage by TxDOT District - Continued**

TxDOT District Number & Name	Centerline Miles: On-System Mainlanes	Centerline Miles: On-System Frontage	Centerline Miles: Off-System	Centerline Miles: Total	Lane Miles: On-System Mainlanes	Lane Miles: On-System Frontage	Lane Miles: Off-System	Lane Miles: Total
21 - Pharr	2,148.938	263.959	7,781.647	<b>10,194.544</b>	6,046.125	609.545	15,781.410	<b>22,437.080</b>
22 - Laredo	2,133.306	173.024	3,353.647	<b>5,659.977</b>	4,870.914	356.052	6,813.136	<b>12,040.102</b>
23 - Brownwood	2,611.441	76.817	6,002.276	<b>8,690.534</b>	5,755.423	153.634	12,010.814	<b>17,919.871</b>
24 - El Paso	1,730.917	227.447	5,191.754	<b>7,150.118</b>	4,539.631	470.543	10,916.341	<b>15,926.515</b>
25 - Childress	2,443.854	67.368	5,587.043	<b>8,098.265</b>	5,392.664	134.978	11,174.086	<b>16,701.728</b>
<b>Statewide Total</b>	<b>73,020.813</b>	<b>8,013.862</b>	<b>242,968.658</b>	<b>324,003.333</b>	<b>183,932.018</b>	<b>16,790.772</b>	<b>502,910.990</b>	<b>703,633.780</b>

**Table 2: 2023 Daily Vehicle Miles Travelled (DVMT) by TxDOT District**

TxDOT District Number & Name	DVMT: On-System Mainlanes	DVMT: On-System Frontage	DVMT: Off-System	DVMT: Total	Truck DVMT: On-System Mainlanes	Truck DVMT: On-System Frontage	Truck DVMT: Off-System	Truck DVMT: Total
1 - Paris	13,253,651.305	392,885.795	1,567,340.458	<b>15,213,877.558</b>	2,523,498.661	22,977.006	63,692.932	<b>2,610,168.599</b>
2 - Fort Worth	49,890,124.336	2,684,460.069	19,296,635.599	<b>71,871,220.004</b>	5,222,869.406	100,303.295	790,807.575	<b>6,113,980.276</b>
3 - Wichita Falls	7,689,583.308	172,811.099	1,050,359.388	<b>8,912,753.795</b>	1,649,254.572	5,358.885	39,176.266	<b>1,693,789.723</b>
4 - Amarillo	10,505,976.929	282,423.531	2,396,765.529	<b>13,185,165.989</b>	3,234,307.813	6,578.768	101,247.940	<b>3,342,134.521</b>
5 - Lubbock	10,814,464.594	430,653.392	3,785,366.754	<b>15,030,484.740</b>	1,928,399.830	35,494.973	172,490.955	<b>2,136,385.758</b>
6 - Odessa	15,822,222.310	751,074.817	3,513,495.203	<b>20,086,792.330</b>	4,680,222.973	100,464.714	273,061.300	<b>5,053,748.987</b>
7 - San Angelo	6,443,630.748	121,762.387	929,295.216	<b>7,494,688.351</b>	1,538,199.459	6,921.539	45,350.974	<b>1,590,471.972</b>
8 - Abilene	9,013,901.467	409,274.382	1,492,209.855	<b>10,915,385.704</b>	2,701,485.304	30,604.981	62,687.951	<b>2,794,778.236</b>
9 - Waco	22,346,107.379	1,371,096.097	4,045,471.815	<b>27,762,675.291</b>	3,908,580.707	86,804.219	166,865.045	<b>4,162,249.971</b>
10 - Tyler	18,927,442.825	48,111.719	3,183,987.931	<b>22,159,542.475</b>	2,667,068.126	3,042.884	166,067.153	<b>2,836,178.163</b>
11 - Lufkin	9,278,633.219	97,238.135	750,482.206	<b>10,126,353.560</b>	1,766,943.572	7,637.143	27,722.932	<b>1,802,303.647</b>
12 - Houston	91,996,128.379	14,025,185.737	63,338,377.497	<b>169,359,691.613</b>	7,534,381.232	753,679.857	3,181,035.158	<b>11,469,096.247</b>
13 - Yoakum	14,897,982.687	234,806.574	1,431,571.441	<b>16,564,360.702</b>	3,608,998.081	23,570.159	58,699.172	<b>3,691,267.412</b>
14 - Austin	45,362,247.315	4,788,999.099	14,840,189.033	<b>64,991,435.447</b>	4,668,031.893	248,306.868	680,324.099	<b>5,596,662.860</b>
15 - San Antonio	52,348,860.014	4,057,995.735	14,370,252.999	<b>70,777,108.748</b>	6,391,718.801	134,933.374	585,823.513	<b>7,112,475.688</b>
16 - Corpus Christi	14,947,922.595	541,329.319	3,205,129.601	<b>18,694,381.515</b>	2,333,651.816	44,380.752	167,558.086	<b>2,545,590.654</b>
17 - Bryan	16,963,366.619	622,993.687	1,886,252.327	<b>19,472,612.633</b>	3,458,354.949	32,268.772	84,252.235	<b>3,574,875.956</b>
18 - Dallas	78,984,279.274	6,308,807.084	52,617,749.696	<b>137,910,836.054</b>	8,567,520.904	269,466.680	2,391,737.557	<b>11,228,725.141</b>
19 - Atlanta	11,110,478.640	210,807.209	1,217,288.166	<b>12,538,574.015</b>	2,867,260.387	24,896.796	50,546.133	<b>2,942,703.316</b>
20 - Beaumont	17,226,896.645	605,315.650	3,332,673.871	<b>21,164,886.166</b>	2,829,353.630	34,222.713	134,229.826	<b>2,997,806.169</b>

**Table 2: 2023 Daily Vehicle Miles Travelled (DVMT) by TxDOT District - Continued**

TxDOT District Number & Name	DVMT: On-System Mainlanes	DVMT: On-System Frontage	DVMT: Off-System	<b>DVMT: Total</b>	Truck DVMT: On-System Mainlanes	Truck DVMT: On-System Frontage	Truck DVMT: Off-System	<b>Truck DVMT: Total</b>
21 - Pharr	21,343,356.364	1,937,677.959	7,897,248.118	<b>31,178,282.441</b>	1,984,247.500	51,169.190	290,448.046	<b>2,325,864.736</b>
22 - Laredo	7,745,495.886	276,258.166	2,622,598.310	<b>10,644,352.362</b>	2,267,569.044	58,789.874	172,877.884	<b>2,499,236.802</b>
23 - Brownwood	4,784,418.598	27,798.094	490,817.823	<b>5,303,034.515</b>	955,243.993	1,869.217	21,340.202	<b>978,453.412</b>
24 - El Paso	14,299,075.539	1,308,439.208	5,355,192.143	<b>20,962,706.890</b>	2,399,647.958	82,447.281	243,369.826	<b>2,725,465.065</b>
25 - Childress	2,919,901.449	6,848.336	106,774.917	<b>3,033,524.702</b>	1,253,394.862	436.661	1,265.995	<b>1,255,097.518</b>
<b>Statewide Total</b>	<b>568,916,148.424</b>	<b>41,715,053.280</b>	<b>214,723,525.896</b>	<b>825,354,727.600</b>	<b>82,940,205.473</b>	<b>2,166,626.601</b>	<b>9,972,678.755</b>	<b>95,079,510.829</b>



**Table 3: 2023 Mileage and Daily Vehicle Miles Travelled (DVMT) by Metropolitan Planning Organization (MPO)**

MPO Name	Centerline Miles	Lane Miles	DVMT	Truck DVMT
Abilene MPO	1,161.149	2,603.639	3,258,438.018	432,686.917
Alamo Area MPO (AAMPO)	11,320.616	25,566.741	60,349,077.566	4,899,672.664
Amarillo MPO	2,243.696	5,055.143	5,857,274.339	744,006.010
Bryan-College Station MPO (BCSMPO)	1,509.150	3,360.063	5,428,901.071	463,100.825
Capital Area MPO (CAMPO)	14,099.999	31,460.770	61,339,707.660	5,129,079.286
Corpus Christi MPO (CCMPO)	1,759.448	4,167.483	8,213,453.155	516,478.267
El Paso MPO (EPMPO)	3,714.774	8,732.838	17,958,527.465	1,408,593.459
Grayson County MPO	2,478.670	5,155.472	4,967,612.584	584,237.053
Houston-Galveston Area Council (HGAC)	32,186.676	74,487.503	175,754,321.963	12,570,492.118
Killeen-Temple MPO (KTMPO)	3,395.240	7,438.877	12,325,488.738	1,259,670.578
Laredo & Webb County Area MPO (LWCAMPO)	1,076.781	2,476.783	4,758,350.562	677,207.996
Longview MPO	1,134.104	2,619.327	3,593,004.805	338,176.879
Lubbock MPO (LMPO)	1,731.637	4,131.545	6,093,100.939	435,834.773
North Central Texas Council of Governments (NCTCOG)	41,141.246	95,773.557	207,656,053.309	16,790,434.316
Permian Basin MPO (PBMPO)	2,649.750	6,061.492	9,830,190.446	1,578,604.512
Rio Grande Valley MPO (RGVMPO)	8,205.370	18,177.774	28,673,913.602	1,751,803.016
San Angelo MPO (SAMPO)	773.357	1,782.746	1,872,384.502	113,762.613
South East Texas Regional Planning Commission (SETRPC)	3,943.457	8,719.237	12,279,404.603	1,531,884.298
Texarkana MPO	602.158	1,355.205	1,824,724.034	288,979.727
Tyler Area MPO (TAMPO)	2,169.240	4,784.606	6,961,753.463	838,434.395
Victoria MPO	1,268.758	2,901.074	2,815,527.632	432,301.811
Waco MPO	2,962.076	6,484.492	9,138,278.262	1,467,346.906
Wichita Falls MPO (WFMPO)	808.049	1,902.717	2,381,848.326	245,774.393

**Table 4: 1970-2023 Historical Trends: Mileage and Daily Vehicle Miles Travelled (DVMT)**

Year	Centerline Miles: On-System	Centerline Miles: Off-System	Centerline Miles: <b>Total</b>	Lane Miles: On-System	Lane Miles: Off-System	Lane Miles: <b>Total</b>	DVMT: On-System	DVMT: Off-System	DVMT: <b>Total</b>	Truck DVMT: On-System	Truck DVMT: Off-System	Truck DVMT: <b>Total</b>
1970	67,254	178,251	<b>245,505</b>	NA	NA	NA	135,754,441	50,632,056	<b>186,386,497</b>	NA	NA	NA
1971	68,089	179,994	<b>248,082</b>	NA	NA	NA	143,960,274	52,996,001	<b>196,956,275</b>	NA	NA	NA
1972	68,836	181,700	<b>250,537</b>	NA	NA	NA	154,249,183	55,563,057	<b>209,812,240</b>	NA	NA	NA
1973	69,227	182,360	<b>251,587</b>	NA	NA	NA	164,191,553	57,472,571	<b>221,664,124</b>	NA	NA	NA
1974	69,519	184,351	<b>253,869</b>	NA	NA	NA	158,221,705	57,371,033	<b>215,592,738</b>	NA	NA	NA
1975	69,960	186,021	<b>255,981</b>	NA	NA	NA	172,197,240	59,535,138	<b>231,732,378</b>	NA	NA	NA
1976	70,270	187,689	<b>257,958</b>	NA	NA	NA	185,239,984	66,734,224	<b>251,974,208</b>	NA	NA	NA
1977	70,541	187,909	<b>258,450</b>	NA	NA	NA	197,396,215	74,594,055	<b>271,990,270</b>	NA	NA	NA
1978	70,978	191,134	<b>262,112</b>	NA	NA	NA	212,418,347	87,200,390	<b>299,618,737</b>	NA	NA	NA
1979	71,213	193,707	<b>264,919</b>	NA	NA	NA	223,391,917	89,761,201	<b>313,153,118</b>	NA	NA	NA
1980	71,503	195,651	<b>267,154</b>	176,029	396,458	<b>572,487</b>	217,599,359	71,112,255	<b>288,711,614</b>	NA	NA	NA
1981	71,894	200,230	<b>272,124</b>	177,299	399,047	<b>576,346</b>	225,312,876	102,219,401	<b>327,532,277</b>	NA	NA	NA
1982	71,909	200,533	<b>272,442</b>	178,273	406,187	<b>584,460</b>	236,281,422	106,805,285	<b>343,086,707</b>	NA	NA	NA
1983	72,144	203,618	<b>275,762</b>	179,621	412,336	<b>591,957</b>	251,540,373	109,792,908	<b>361,333,281</b>	NA	NA	NA
1984	72,364	206,388	<b>278,751</b>	180,652	417,820	<b>598,472</b>	265,731,010	112,225,937	<b>377,956,947</b>	NA	NA	NA
1985	72,585	209,639	<b>282,224</b>	181,662	424,322	<b>605,984</b>	277,375,142	117,315,676	<b>394,690,818</b>	NA	NA	NA
1986	72,749	213,182	<b>285,930</b>	182,302	431,382	<b>613,685</b>	282,226,185	123,571,592	<b>405,797,777</b>	NA	NA	NA
1987	77,244	216,271	<b>293,516</b>	182,938	437,633	<b>620,571</b>	287,135,041	126,945,371	<b>414,080,412</b>	NA	NA	NA
1988	76,475	223,937	<b>300,413</b>	181,006	454,060	<b>635,066</b>	282,025,651	141,468,906	<b>423,494,557</b>	NA	NA	NA

**Table 4: 1970-2023 Historical Trends: Mileage and Daily Vehicle Miles Travelled (DVMT) - Continued**

Year	Centerline Miles: On-System	Centerline Miles: Off-System	Centerline Miles: <b>Total</b>	Lane Miles: On-System	Lane Miles: Off-System	Lane Miles: <b>Total</b>	DVMT: On-System	DVMT: Off-System	DVMT: <b>Total</b>	Truck DVMT: On-System	Truck DVMT: Off-System	Truck DVMT: <b>Total</b>
1989	76,564	229,071	<b>305,636</b>	181,667	464,428	<b>646,094</b>	284,807,751	146,548,133	<b>431,355,884</b>	NA	NA	NA
1990	76,640	229,254	<b>305,894</b>	182,224	464,892	<b>647,115</b>	294,139,308	146,351,301	<b>440,490,609</b>	33,558,536	67,879	<b>33,626,415</b>
1991	76,805	216,649	<b>293,454</b>	183,149	439,703	<b>622,852</b>	297,959,407	134,452,324	<b>432,411,731</b>	34,714,426	55,336	<b>34,769,762</b>
1992	76,865	216,397	<b>293,262</b>	183,551	439,282	<b>622,833</b>	307,576,522	136,034,794	<b>443,611,316</b>	35,175,600	106,913	<b>35,282,513</b>
1993	76,765	217,366	<b>294,131</b>	183,306	441,231	<b>624,537</b>	315,662,509	140,965,223	<b>456,627,732</b>	36,579,260	30,726	<b>36,609,986</b>
1994	76,765	217,660	<b>294,425</b>	183,337	441,493	<b>624,830</b>	327,944,663	157,783,495	<b>485,728,158</b>	39,898,988	42,524	<b>39,941,512</b>
1995	76,842	217,733	<b>294,575</b>	184,130	441,859	<b>625,989</b>	337,457,019	158,974,416	<b>496,431,435</b>	41,494,581	41,221	<b>41,535,802</b>
1996	76,974	217,660	<b>294,634</b>	183,979	442,048	<b>626,027</b>	354,613,309	163,647,170	<b>518,260,479</b>	44,000,135	41,510	<b>44,041,645</b>
1997	78,981	217,594	<b>296,575</b>	184,576	441,701	<b>626,277</b>	372,041,632	165,674,929	<b>537,716,561</b>	46,238,014	37,164	<b>46,275,178</b>
1998	79,102	217,419	<b>296,521</b>	186,544	441,560	<b>628,105</b>	394,791,837	163,096,901	<b>557,888,738</b>	50,713,050	32,210	<b>50,745,260</b>
1999	79,185	221,238	<b>300,424</b>	187,152	450,128	<b>637,280</b>	401,341,945	168,204,626	<b>569,546,571</b>	54,244,004	17,080	<b>54,261,084</b>
2000	79,297	221,646	<b>300,943</b>	188,055	451,337	<b>639,392</b>	417,121,294	169,734,592	<b>586,855,886</b>	57,087,231	20,914	<b>57,108,145</b>
2001	79,363	221,638	<b>301,001</b>	188,388	451,416	<b>639,804</b>	428,868,139	150,785,161	<b>579,653,300</b>	58,701,166	3,843,746	<b>62,544,912</b>
2002	79,513	222,141	<b>301,654</b>	189,284	452,527	<b>641,811</b>	442,211,318	149,222,481	<b>591,433,799</b>	60,317,443	4,24,09	<b>64,341,452</b>
2003	79,535	222,337	<b>301,872</b>	189,745	453,060	<b>642,806</b>	449,486,854	148,345,914	<b>597,832,768</b>	61,400,392	4,723,344	<b>66,123,736</b>
2004	79,645	223,551	<b>303,196</b>	190,357	456,303	<b>646,661</b>	460,570,609	166,055,949	<b>626,626,558</b>	62,422,462	4,961,441	<b>67,383,903</b>
2005	79,696	224,522	<b>304,218</b>	190,764	458,372	<b>649,135</b>	477,768,143	163,960,306	<b>641,728,448</b>	64,272,748	4,651,064	<b>68,923,812</b>
2006	79,849	225,423	<b>305,272</b>	191,671	460,257	<b>651,928</b>	479,713,302	168,192,880	<b>647,906,183</b>	64,531,530	4,776,897	<b>69,308,428</b>
2007	79,975	225,880	<b>305,855</b>	192,542	461,286	<b>653,828</b>	489,032,715	173,285,263	<b>662,317,978</b>	67,539,818	4,925,205	<b>72,465,023</b>

**Table 4: 1970-2023 Historical Trends: Mileage and Daily Vehicle Miles Travelled (DVMT) - Continued**

Year	Centerline Miles: On-System	Centerline Miles: Off-System	Centerline Miles: <b>Total</b>	Lane Miles: On-System	Lane Miles: Off-System	Lane Miles: <b>Total</b>	DVMT: On-System	DVMT: Off-System	DVMT: <b>Total</b>	Truck DVMT: On-System	Truck DVMT: Off-System	Truck DVMT: <b>Total</b>
<b>2008</b>	80,067	226,336	<b>306,403</b>	193,309	461,941	<b>655,250</b>	475,380,414	165,584,891	<b>640,965,305</b>	63,898,110	4,719,283	<b>68,617,392</b>
<b>2009</b>	79,903	230,948	<b>310,851</b>	193,366	476,032	<b>669,398</b>	465,620,745	169,930,259	<b>635,551,005</b>	59,025,187	4,713,520	<b>63,738,708</b>
<b>2010</b>	79,992	231,258	<b>311,249</b>	193,926	476,751	<b>670,676</b>	470,844,530	170,965,406	<b>641,809,937</b>	61,137,855	5,473,731	<b>66,611,586</b>
<b>2011</b>	80,233	232,677	<b>312,911</b>	194,887	479,799	<b>674,686</b>	480,068,521	170,459,824	<b>650,528,345</b>	61,301,617	5,363,309	<b>66,664,926</b>
<b>2012</b>	80,268	232,941	<b>313,210</b>	195,022	480,579	<b>675,601</b>	479,514,142	170,271,222	<b>649,785,364</b>	61,826,603	5,348,605	<b>67,175,208</b>
<b>2013</b>	80,323	233,272	<b>313,595</b>	195,299	480,966	<b>676,266</b>	499,867,599	170,094,249	<b>669,961,848</b>	65,485,101	5,443,014	<b>70,928,115</b>
<b>2014</b>	80,423	233,173	<b>313,596</b>	195,767	481,955	<b>677,723</b>	487,020,004	178,702,237	<b>665,722,240</b>	71,291,418	5,946,497	<b>77,237,915</b>
<b>2015</b>	80,423	233,173	<b>313,596</b>	195,767	481,955	<b>677,723</b>	515,866,798	191,317,363	<b>707,184,160</b>	68,093,603	7,101,479	<b>75,195,082</b>
<b>2016</b>	80,483	233,173	<b>313,656</b>	195,964	481,955	<b>677,919</b>	537,150,366	204,005,017	<b>741,155,383</b>	68,778,625	7,751,175	<b>76,529,800</b>
<b>2017</b>	80,444	233,875	<b>314,319</b>	196,307	483,760	<b>680,067</b>	540,367,474	207,524,436	<b>747,891,910</b>	69,412,005	7,848,753	<b>77,260,759</b>
<b>2018</b>	80,455	234,192	<b>314,648</b>	196,539	484,579	<b>681,118</b>	556,901,649	215,803,779	<b>772,705,427</b>	73,565,942	8,764,588	<b>82,330,530</b>
<b>2019</b>	80,606	234,840	<b>315,445</b>	197,865	485,796	<b>683,661</b>	575,222,334	214,439,932	<b>789,662,266</b>	74,453,210	8,812,908	<b>83,266,118</b>
<b>2020</b>	80,720	235,848	<b>316,567</b>	198,471	488,187	<b>686,658</b>	508,681,869	203,284,772	<b>711,966,641</b>	71,101,405	8,523,431	<b>79,624,836</b>
<b>2021</b>	80,905	241,248	<b>322,153</b>	200,060	499,242	<b>699,301</b>	573,976,125	206,923,725	<b>780,899,850</b>	80,932,578	9,159,762	<b>90,092,340</b>
<b>2022</b>	80,997	242,367	<b>323,363</b>	200,291	501,677	<b>701,967</b>	584,936,505	212,025,100	<b>796,961,605</b>	84,538,775	9,544,732	<b>94,083,507</b>
<b>2023</b>	81,035	242,969	<b>324,003</b>	200,723	502,911	<b>703,634</b>	610,631,202	214,723,526	<b>825,354,728</b>	85,106,832	9,972,679	<b>95,079,511</b>

**Figure 1: Total Centerline Miles by Year**

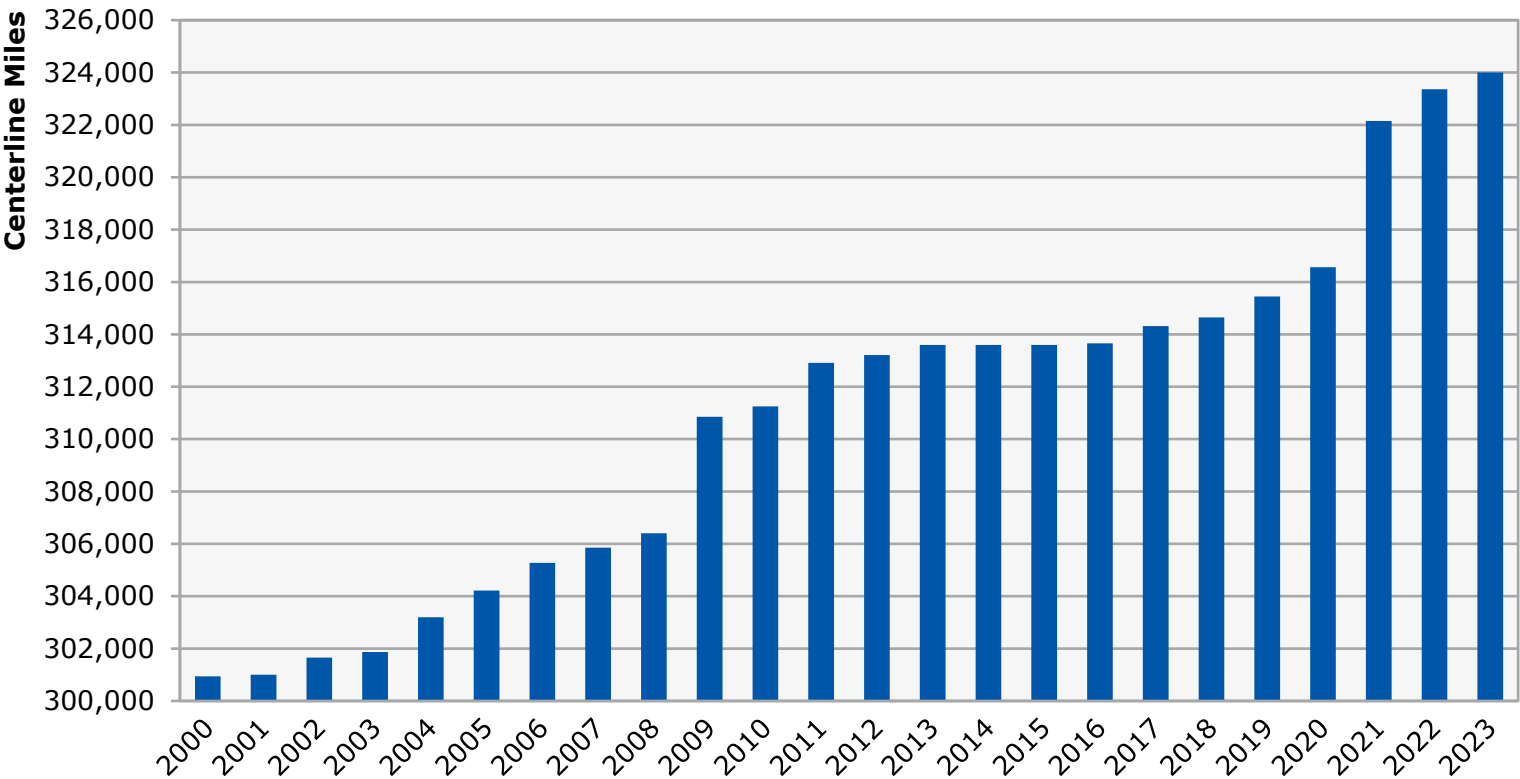
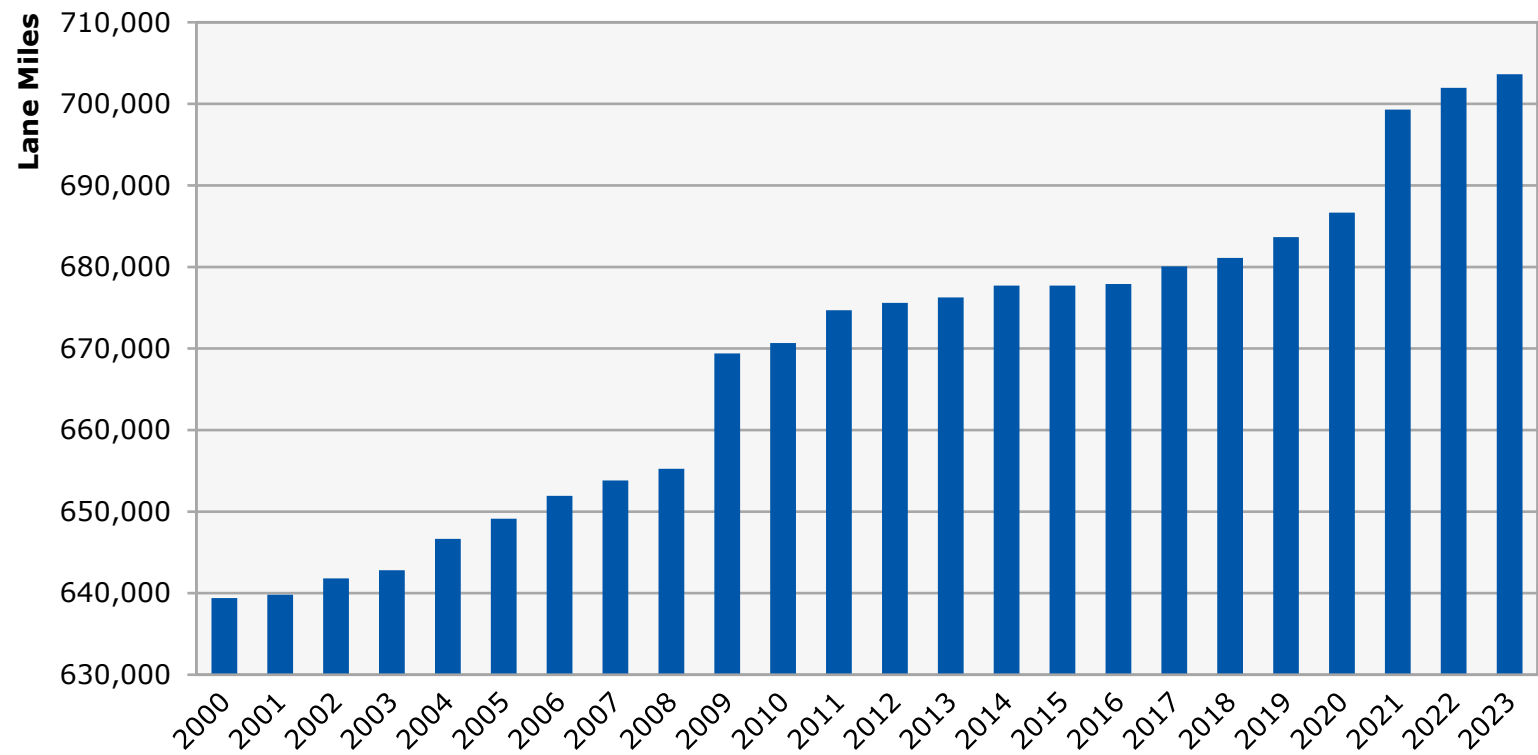
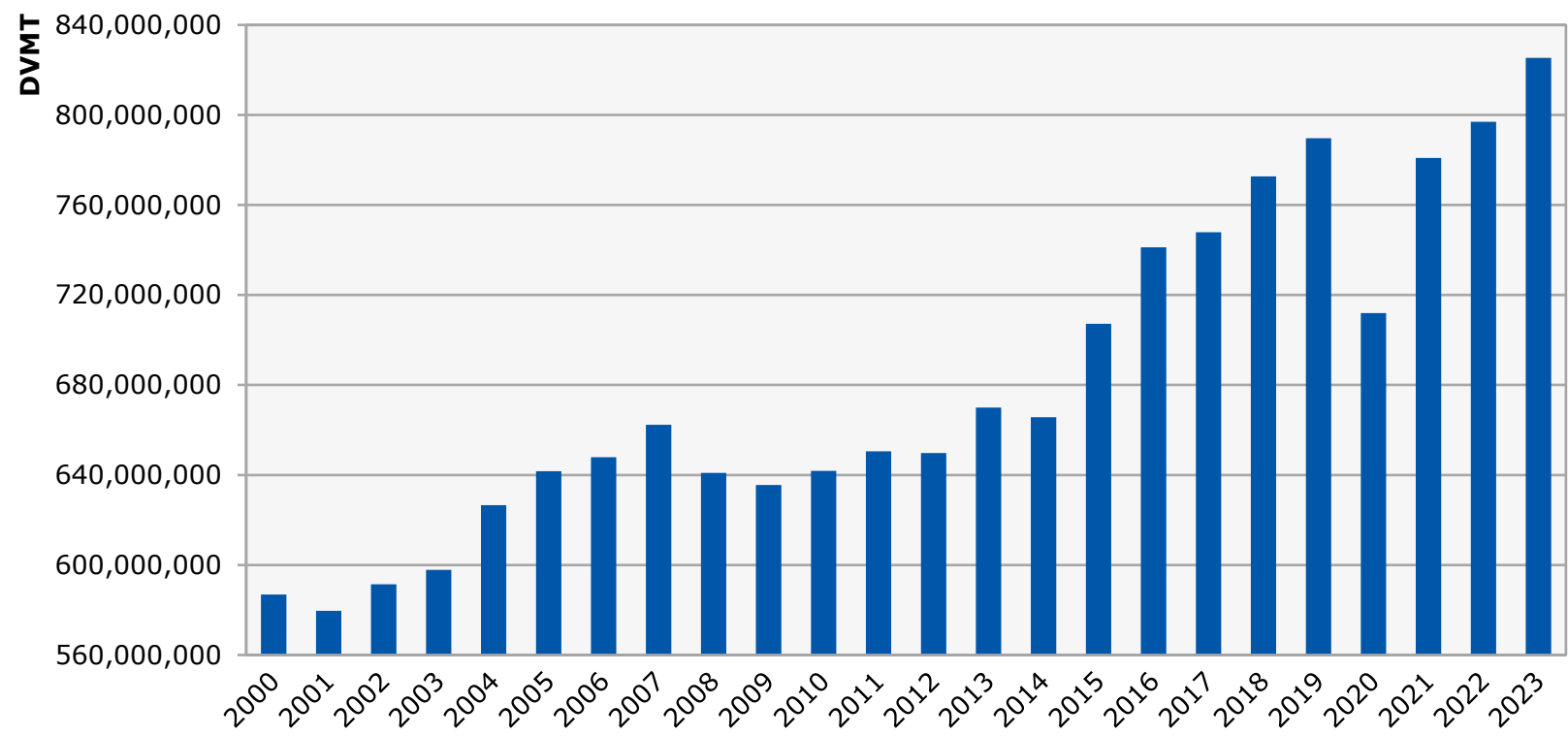




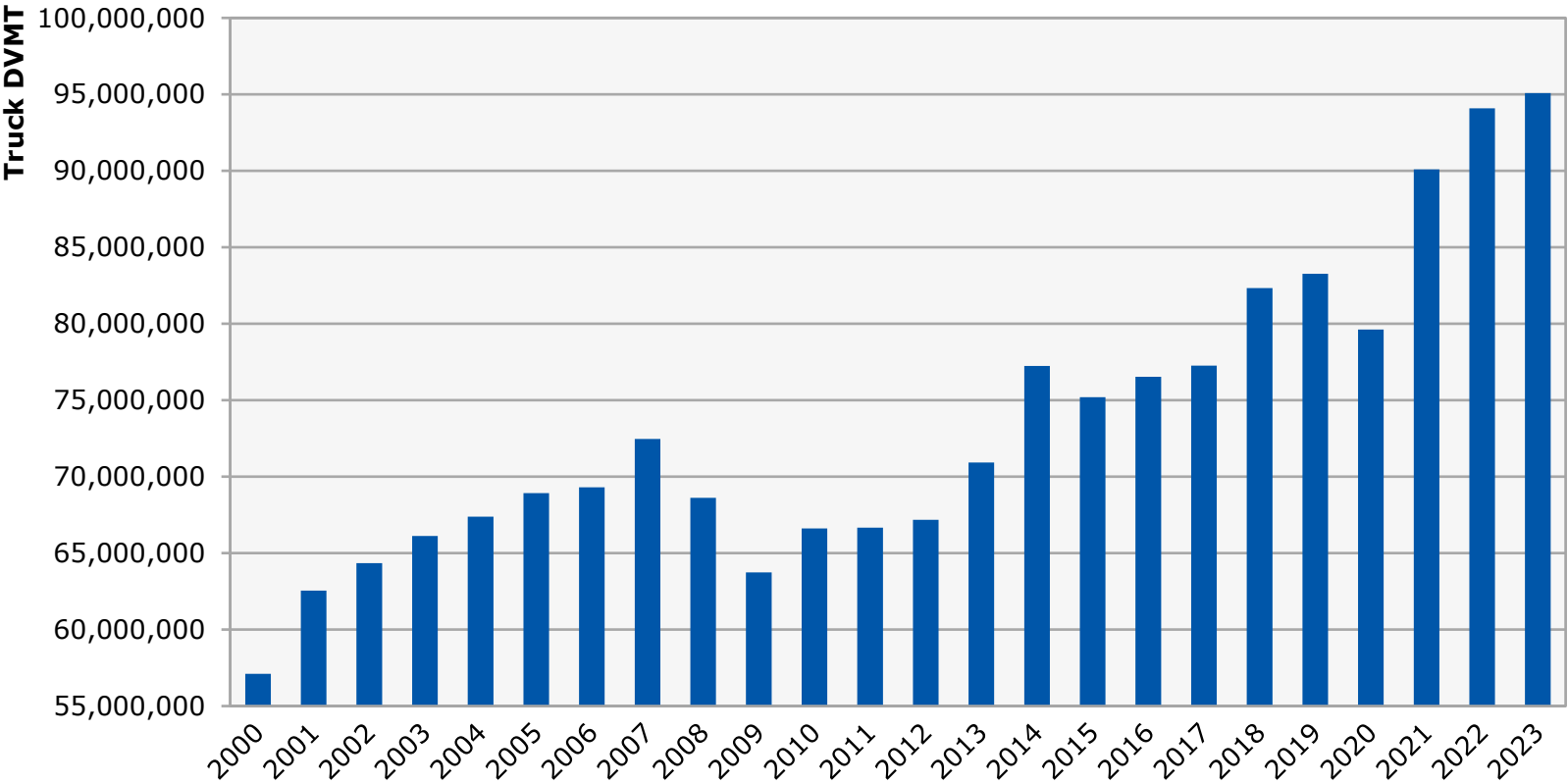
Figure 2: Total Lane Miles by Year



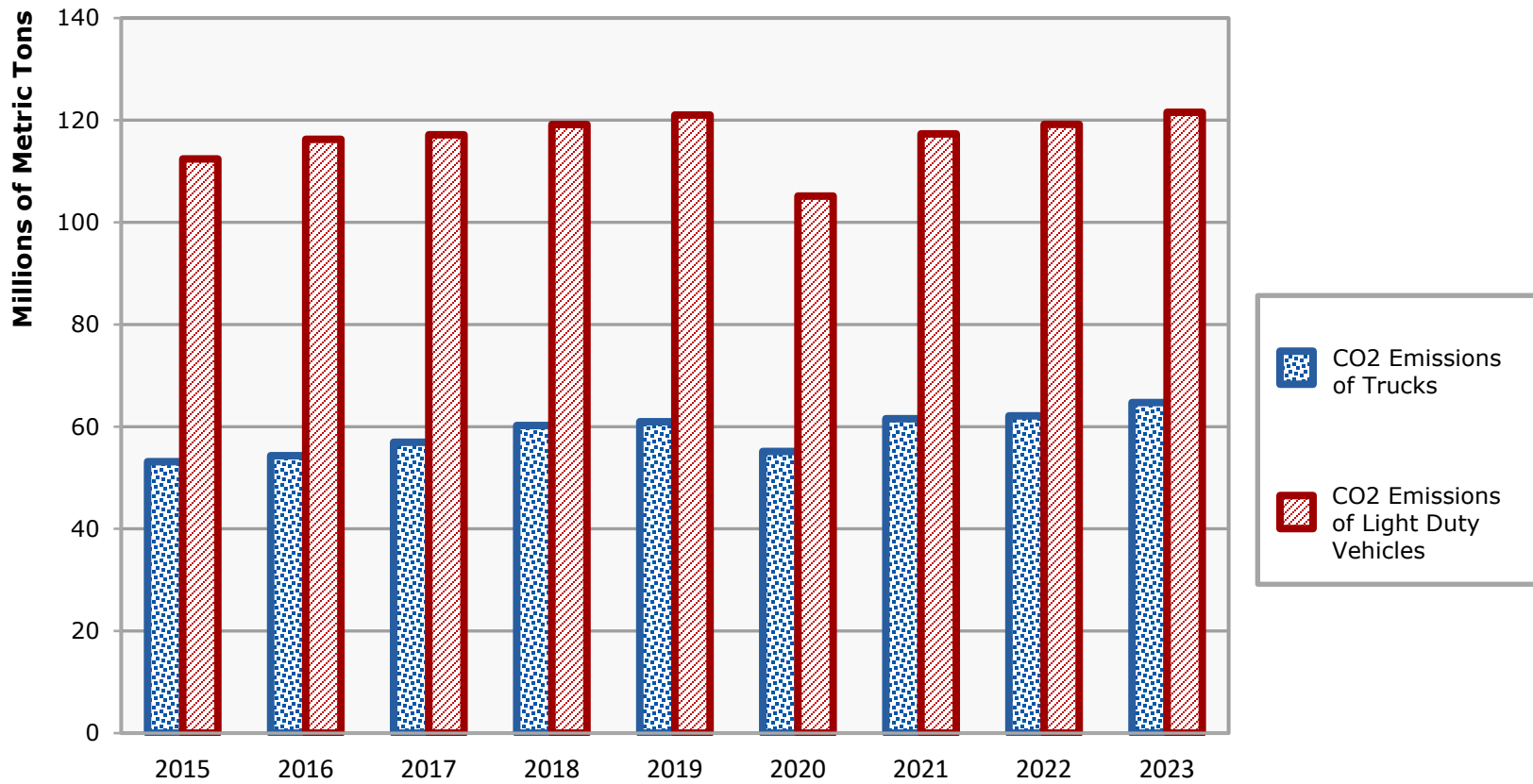
**Figure 3: Daily Vehicle Miles of Travel (DVMT) by Year**



**Figure 4: Truck Daily Vehicle Miles of Travel (Truck DVMT) by Year**

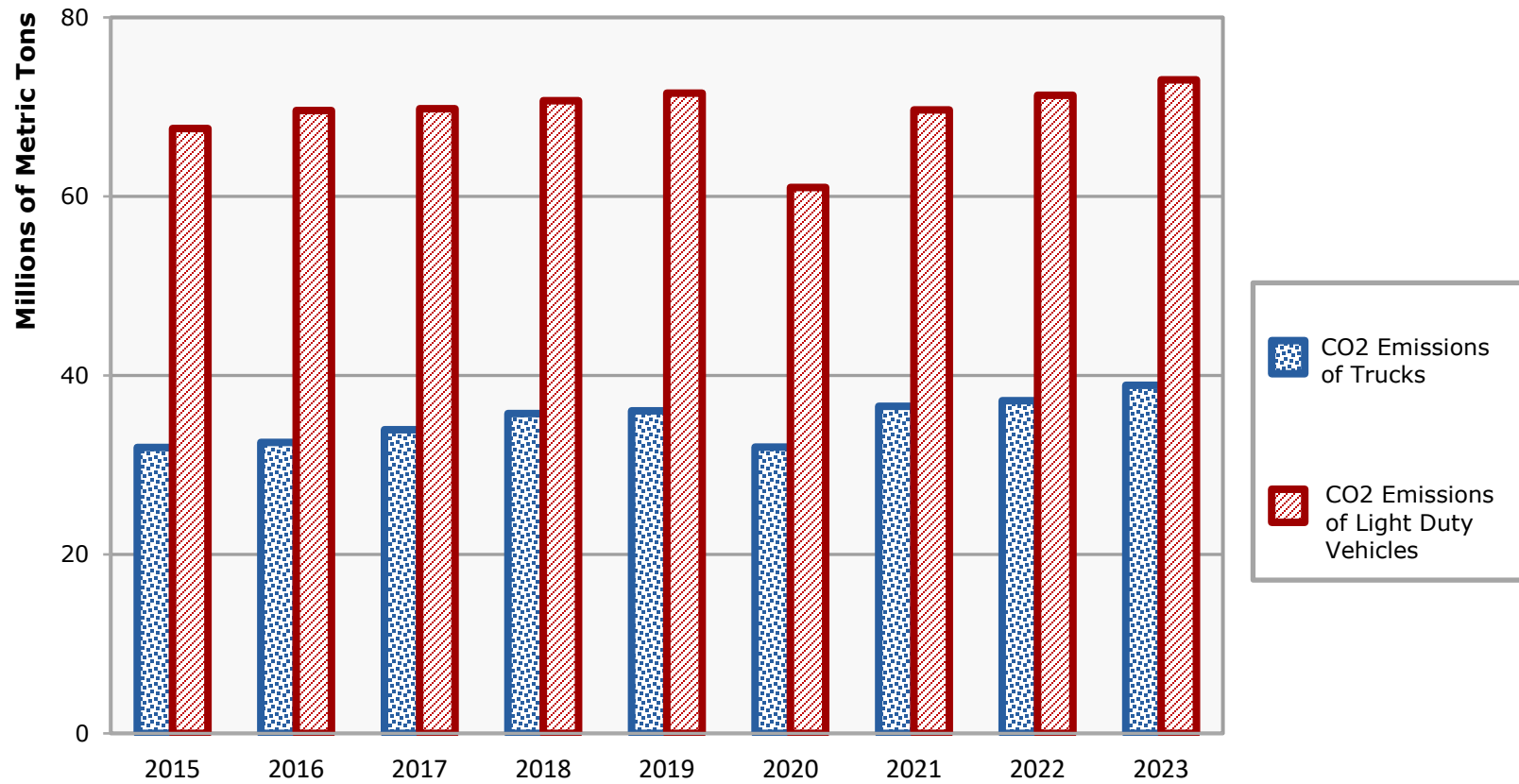


**Figure 5: Annual On-Road Carbon Dioxide Emissions - All Roads**



Statewide Totals: All Roads	2015	2016	2017	2018	2019	2020	2021	2022	2023
Annual On-Road Truck CO2 (Million Metric Tons)	53.1	54.3	56.9	60.2	61	55.1	61.5	62.1	64.7
Annual On-Road Light Duty Vehicle CO2 (Million Metric Tons)	112.4	116.3	117.1	119.1	121	105.2	117.3	119.2	121.5
Total Annual On-Road CO2 (Million Metric Tons)	165.6	170.6	174.1	179.4	182	160.3	178.9	181.3	186.3

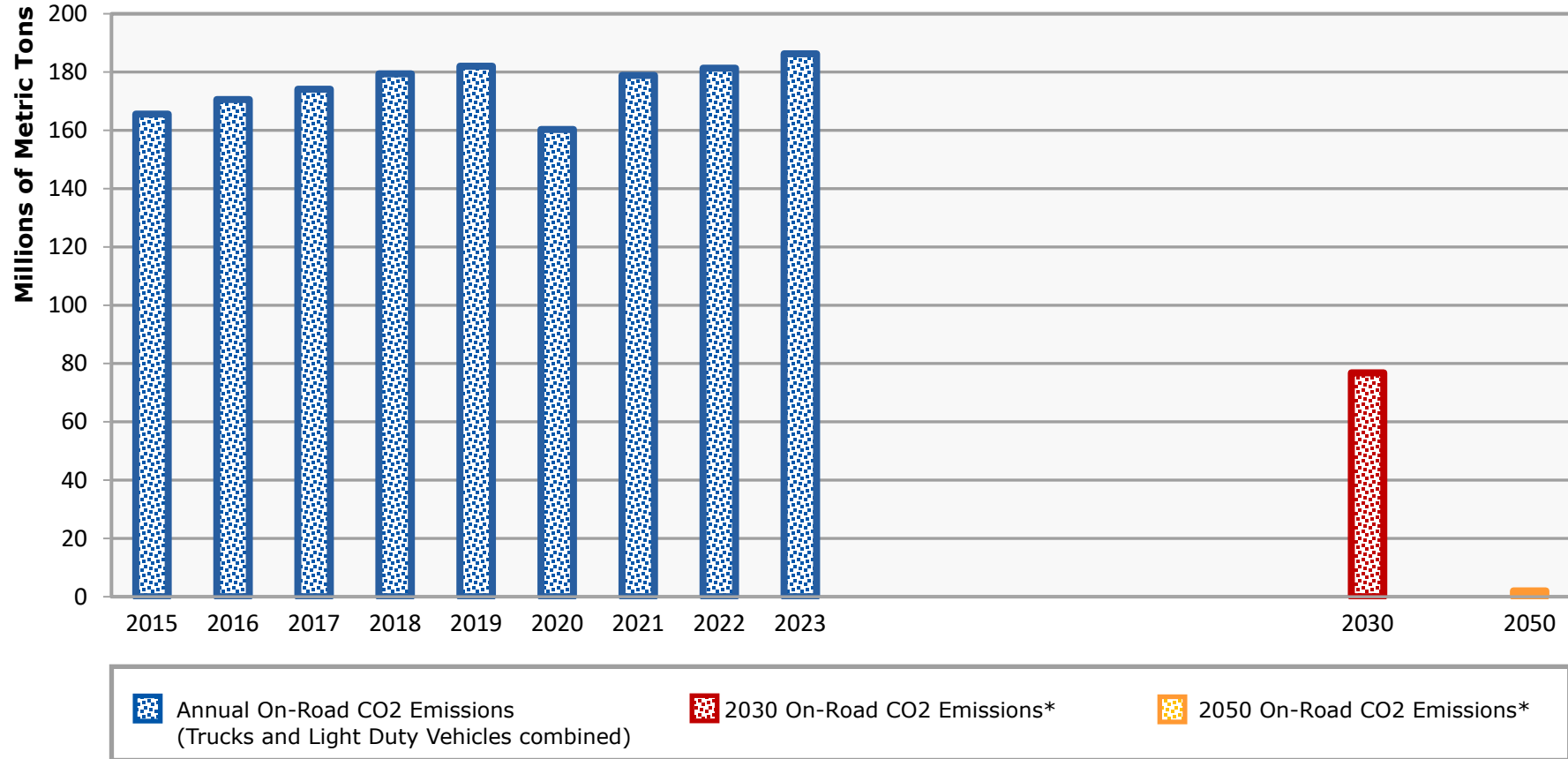
**Figure 6: Annual On-Road Carbon Dioxide Emissions – National Highway System (NHS)**



Statewide Totals: NHS	2015	2016	2017	2018	2019	2020	2021	2022	2023
Annual On-Road Truck CO2 (Million Metric Tons)	31.9	32.5	33.9	35.7	36	32	36.5	37.2	38.9
Annual On-Road Light Duty Vehicle CO2 (Million Metric Tons)	67.6	69.6	69.8	70.7	71.5	61	69.7	71.3	73
Total Annual On-Road CO2 (Million Metric Tons)	99.5	102.1	103.7	106.4	107.6	93	106.2	108.5	111.9



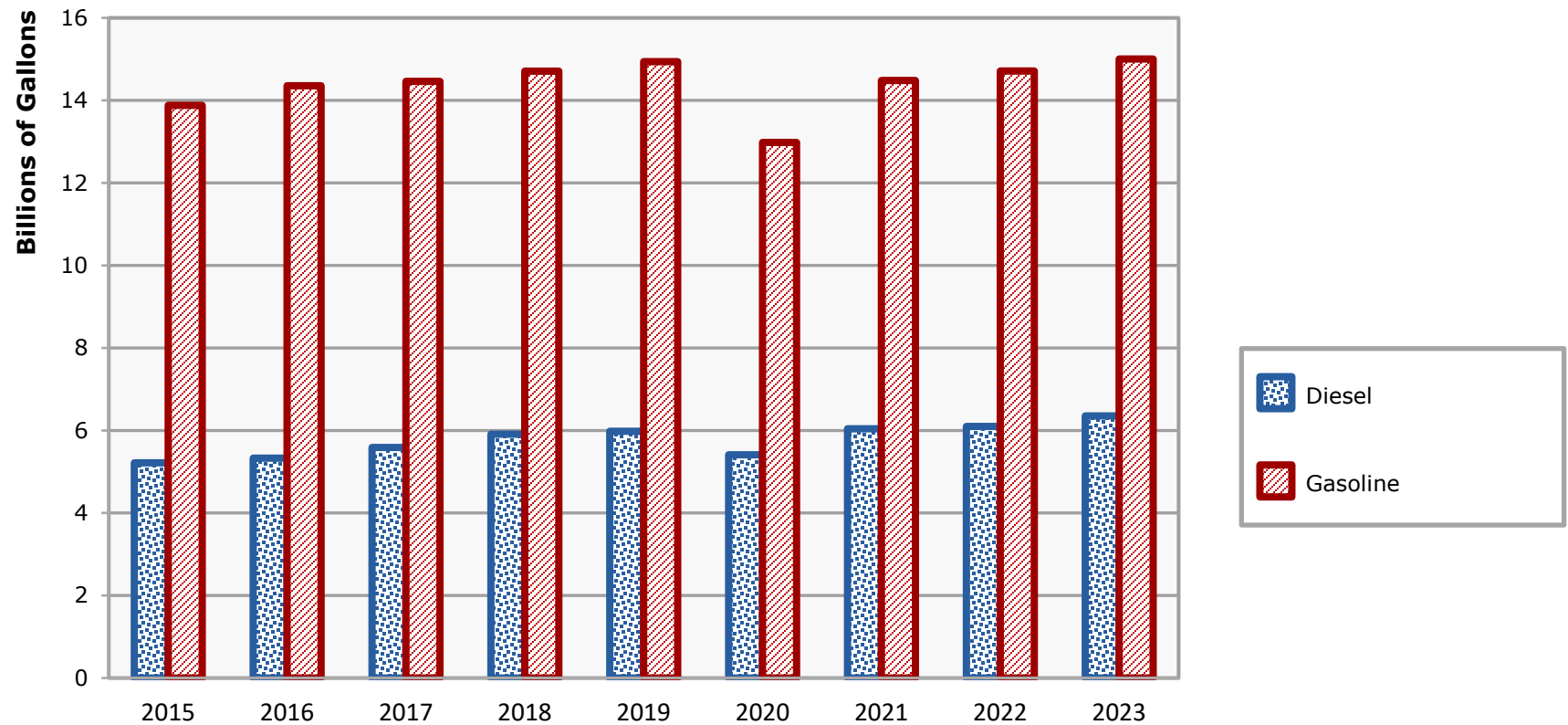
**Figure 7: Total Annual On-Road Carbon Dioxide Emissions - All Roads**



Statewide Totals: All Roads	2015	2016	2017	2018	2019	2020	2021	2022	2023	2030*	2050*
Total Annual CO2 (Million Metric Tons)	165.6	170.6	174.1	179.4	182.0	160.3	178.9	181.3	186.3	76.8	0

\*Basis for 2030 & 2050 CO2 emissions: *Special Report on Global Warming of 1.5°C*, published 2018 by the Intergovernmental Panel on Climate Change (IPCC) - "Global net human-caused emissions of carbon dioxide (CO2) would need to fall by about 45 percent from 2010 levels by 2030, reaching 'net zero' around 2050."

**Figure 8: Annual Fuel Consumption - All Roads**



Statewide Totals: All Roads	2015	2016	2017	2018	2019	2020	2021	2022	2023
Annual Diesel Consumption (Billion Gallons)	5.2	5.3	5.6	5.9	6.0	5.4	6.0	6.1	6.4
Annual Gasoline Consumption (Billion Gallons)	13.9	14.4	14.5	14.7	14.9	13.0	14.5	14.7	15.0
Total Fuel Consumption (Billion Gallons)	19.1	19.7	20.0	20.6	20.9	18.4	20.5	20.8	21.4