



HB 2007 Report to the Legislature

September 15, 2021

Introduction

House Bill 2007 was signed into law August 9, 2019, and requires the Oregon Department of Transportation (ODOT) to report by September 15th of each year to the interim committees of the Legislature related to transportation and the environment. The purpose of the report is to identify and address trends in the registration of medium-duty trucks and heavy-duty trucks in Oregon over time, and to identify any effects HB 2007 may have on those trends; and specifically requires the report to include:

- The number of medium-duty and heavy-duty trucks registered in each county in this state; and
- The number of medium-duty and heavy-duty trucks registered in this state that are motor vehicles described in section 4 (5) (exemptions).

Background

Among other requirements, HB 2007 establishes vehicle titling and registration requirements for medium-duty (MD) and heavy-duty (HD) vehicles whose owner is located in Clackamas, Multnomah, or Washington County, effectively phasing out older diesel engines in these counties. The measure establishes a three-phased implementation:

1. Beginning January 1, 2023, *no registration* for medium-duty and heavy-duty vehicles, model year 1996 or older;
2. Beginning January 1, 2025, *no titling* for medium-duty vehicles model year 2009 or older, and heavy-duty vehicles model year 2006 or older; and
3. Beginning January 1, 2029, *no registration* for medium-duty vehicles model year 2009 or older, heavy-duty vehicles model year 2009 or older owned by a public body, and heavy-duty vehicles model year 2006 or older.

The measure provides a number of exemptions to these titling and registration requirements, some of which are currently tracked by ODOT, and others will be recorded as the bill is implemented. Listed exemptions in the measure include:

- A qualifying retrofit pursuant to rules adopted by the Environmental Quality Commission
- Motor vehicles registered as farm vehicles under the provisions of ORS 805.300
- Farm tractors
- Implements of husbandry
- Motor vehicles used exclusively as training vehicles
- Publicly and privately owned emergency vehicles
- Ambulances
- Campers
- Motor homes
- Recreational vehicles
- Heavy-duty trucks operated for 5,000 miles or fewer on highways of this state during one calendar year
- Carriers with fleet size of five or fewer heavy-duty trucks
- Antique vehicles
- Motor trucks, as defined in ORS 801.355, used primarily to transport logs

Results¹

The baseline requirements of the report include two provisions: 1) the number of medium-duty and heavy-duty diesel vehicles registered in each county in Oregon; and 2) the number of medium-duty and heavy-duty diesel vehicles registered in Oregon that are exempt under Section 4(5). This data is available in Tables 1 and 2. As expected, Oregon's most populous counties maintain the highest concentration of MD and HD diesel vehicles, representing approximately 40% of MD and HD diesel vehicles statewide. A decrease of approximately 2% from 2020.

Model Year Distribution

The distribution of MD and HD diesel vehicles across model years is a relevant factor in determining the concentration of older diesel vehicles among the fleet in both the tri-counties, and the rest of Oregon. Figures 1 and 2 represent the distribution of MD and HD diesel vehicles across model years, both inside the tri-counties, and outside the tri-counties.

¹ All data provided is as of June 30, 2021.

Table 1 – Medium and Heavy-duty Diesel Vehicles by County²

County	Total	Total HD	Total MD	Total Unknown
Baker	421	285	80	56
Benton	782	439	304	39
Clackamas	7,725	5,397	2,235	93
Clatsop	768	461	263	44
Columbia	962	715	230	17
Coos	1,428	1,033	328	67
Crook	687	561	99	27
Curry	526	309	171	46
Deschutes	3,060	2,000	961	99
Douglas	2,785	2,103	605	77
Gilliam	82	51	13	18
Grant	294	171	77	46
Harney	255	162	59	34
Hood River	421	233	163	25
Jackson	4,273	3,011	1,176	86
Jefferson	519	365	128	26
Josephine	1,413	834	535	44
Klamath	3,521	2,741	668	112
Lake	317	201	72	44
Lane	7,950	5,551	2,150	249
Lincoln	808	504	250	54
Linn	3,095	2,296	719	80
Malheur	737	521	176	40
Marion	9,282	6,118	2,447	717
Morrow	444	352	70	22
Multnomah	19,815	12,719	6,579	517
Polk	860	562	278	20
Sherman	131	86	31	14
Tillamook	851	574	236	41
Umatilla	1,892	1,676	184	32
Union	669	501	134	34
Wallowa	269	210	35	24
Wasco	473	258	163	52
Washington	8,146	4,410	3,630	106
Wheeler	48	27	13	8
Yamhill	1,351	819	476	56
Out of state	1,910	892	800	218
Total:	88,970	59,148	26,538	3,284

² Table 1 includes a count of all MD and HD diesel vehicles in each county, regardless of model year, and *excluding* any exemptions provided in HB 2007. Counts include vehicles whose weight rating is unknown.

Table 2 - Exemptions

Exemption	Total Vehicles
Motorhome	1,597
HD Mileage (<5,000)	9,258
HD Fleet Size (<=5)	7,015
Farm	1,088
Log	103
Antique vehicles	0
Farm tractors	Unknown
Implements of Husbandry	Unknown
Training vehicles	Unknown
Emergency vehicles	Unknown
Ambulance	Unknown
Campers	No motor
Recreational vehicles	No motor

Figure 1 – MD & HD Diesel Vehicle Model Year Distribution – Tri-Counties

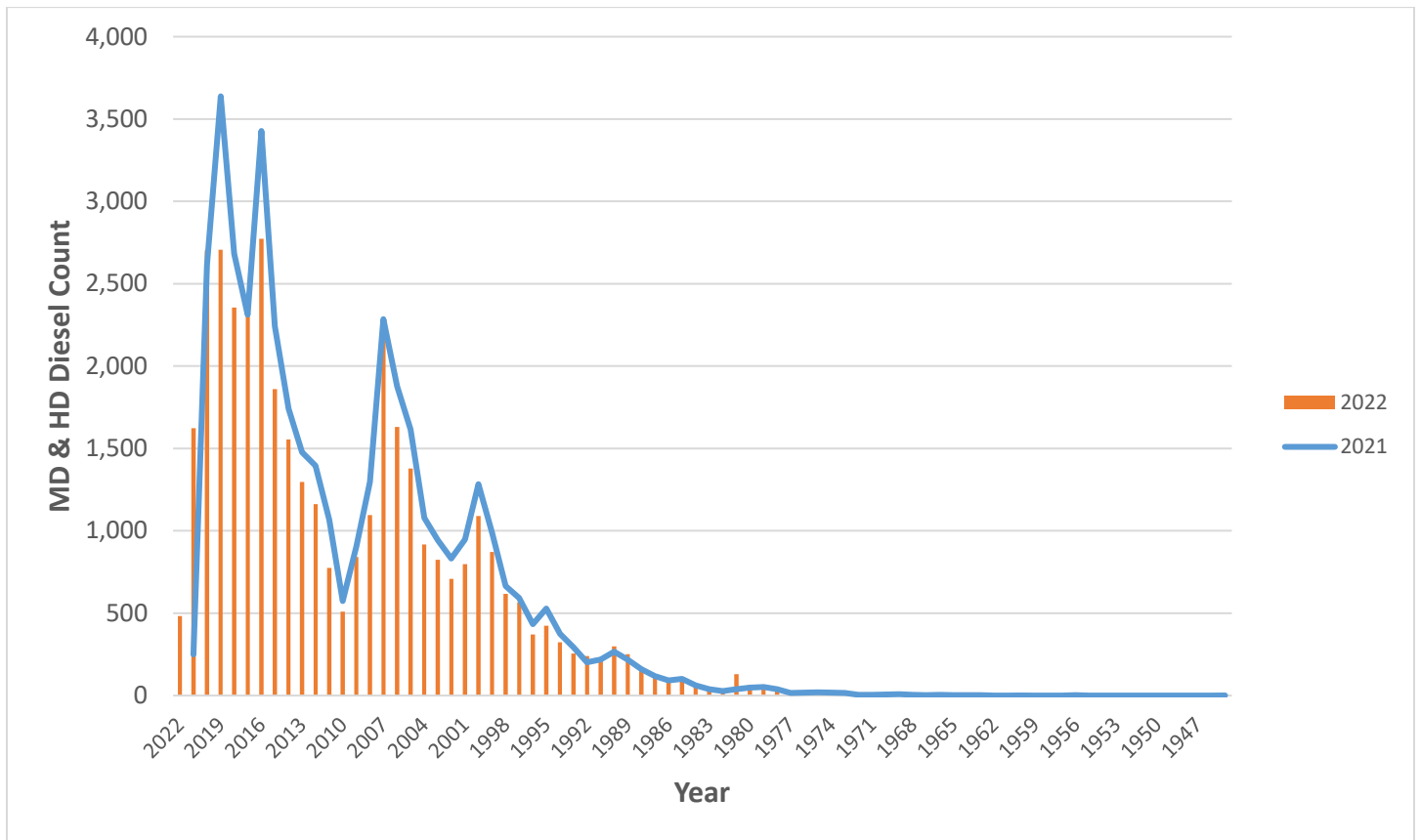


Figure 2 – MD & HD Diesel Vehicle Model Year Distribution – Outside Tri-Counties

