



# **HB 2007 Report to the Legislature**

September 15, 2020

# Introduction

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House Bill 2007 was signed into law August 9, 2019, and requires the Oregon Department of Transportation (ODOT) to report by September 15<sup>th</sup> 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

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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

# Results<sup>1</sup>

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The baseline requirements of the report includes 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 count of MD and HD diesel vehicles (and approximately 42% of MD and HD diesel vehicles statewide).

## *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 year, both inside the tri-counties, and outside the tri-counties.

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<sup>1</sup> All data provided is as of June 30, 2020.

**Table 1 – Medium and Heavy-duty Diesel Vehicles by County<sup>2</sup>**

County	Total	Medium Duty (GVW 14,000 - 26,000)	Heavy Duty (GVW 26,001 and above)	GVW Unknown
Baker	359	81	259	19
Benton	756	299	435	22
Clackamas	7,594	2,637	4,928	29
Clatsop	725	266	446	13
Columbia	985	258	718	9
Coos	1,285	328	943	14
Crook	588	74	502	12
Curry	479	164	302	13
Deschutes	3,197	915	2,251	31
Douglas	2,536	612	1,891	33
Gilliam	53	11	40	2
Grant	201	65	131	5
Harney	226	60	163	3
Hood River	404	159	234	11
Jackson	3,942	1,110	2,808	24
Jefferson	477	139	330	8
Josephine	1,183	478	684	21
Klamath	3,150	611	2,497	42
Lake	236	59	170	7
Lane	5,985	2,042	3,836	107
Lincoln	697	251	434	12
Linn	3,044	696	2,318	30
Malheur	778	161	610	7
Marion	8,821	2,493	6,111	217
Morrow	420	56	355	9
Multnomah	20,588	6,500	13,871	217

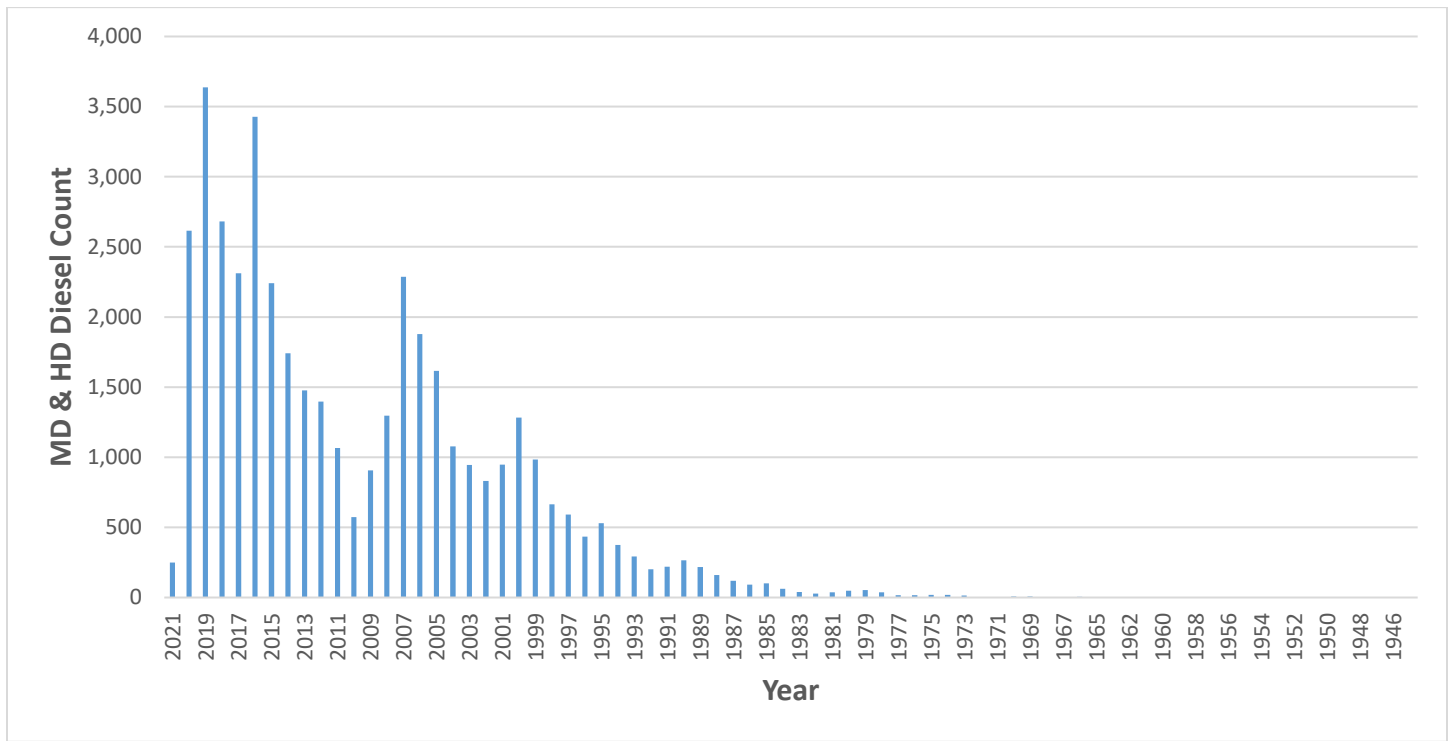
<sup>2</sup> Table 1 includes a count of all MD and HD diesel vehicles in each county, regardless of model year, and *excluding* any exemptions provided in HB 2007. Counts include vehicles whose weight rating is unknown.

Polk	786	257	523	6
Sherman	115	26	85	4
Tillamook	772	240	522	10
Umatilla	2,489	638	1,826	25
Union	624	134	487	3
Wallowa	247	32	206	9
Wasco	429	161	246	22
Washington	7,887	3,694	4,158	35
Wheeler	31	10	17	4
Yamhill	1,466	576	859	31
Out of state	2,666	1,899	728	39
<b>Total:</b>	<b>86,221</b>	<b>28,192</b>	<b>56,924</b>	<b>1,105</b>

**Table 2 - Exemptions**

<b>Exemption</b>	<b>Total</b>
Motorhome	2,198
HD Mileage (<5,000)	1,791
HD Fleet Size (<=5)	1,231
Farm	1,113
Log	22
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**

