



HB 2007 Report to the Legislature

September 15, 2023

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 trends in the registration of medium-duty and heavy-duty diesel 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) diesel 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 diesel vehicles, model year 1996 or older;
2. Beginning January 1, 2025, *no titling* for medium-duty diesel vehicles model year 2009 or older, and heavy-duty diesel vehicles model year 2006 or older; and
3. Beginning January 1, 2029, *no registration* for medium-duty diesel vehicles model year 2009 or older, heavy-duty diesel vehicles model year 2009 or older owned by a public body, and heavy-duty diesel 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 42 percent 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. Figure 1 represents the distribution of MD and HD diesel vehicles across model years, both inside and outside the tri-counties. Additionally, Figure 2 represents the absolute number of MD and HD diesel vehicles registered in the tri-counties that are model year 2009 or older.

¹ All data provided is as of June 30, 2023.

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

County	Total	Total HD	Total MD	Total Unknown
Baker	357	256	92	9
Benton	761	469	267	25
Clackamas	7,933	5,508	2,406	19
Clatsop	746	454	285	7
Columbia	908	660	237	11
Coos	1,346	940	393	13
Crook	744	628	113	3
Curry	542	350	178	14
Deschutes	3,602	2,458	1,113	31
Douglas	2,680	2,050	605	25
Gilliam	63	50	11	2
Grant	257	179	71	7
Harney	219	165	49	5
Hood River	470	275	192	3
Jackson	4,323	3,054	1,247	22
Jefferson	534	401	127	6
Josephine	1,301	754	537	10
Klamath	3,612	2,989	617	6
Lake	316	241	72	3
Lane	8,836	6,424	2,361	51
Lincoln	715	448	256	11
Linn	3,412	2,616	781	15
Malheur	908	702	190	16
Marion	9,458	6,645	2,717	96
Morrow	498	421	73	4
Multnomah	22,020	15,983	5,707	330
Polk	862	568	288	6
Sherman	94	67	25	2
Tillamook	826	592	227	7
Umatilla	2,420	1,950	446	24
Union	684	549	127	8
Wallowa	274	224	45	5
Wasco	558	332	205	21
Washington	8,356	4,994	3,279	83
Wheeler	45	32	13	0
Yamhill	1,269	743	519	7
Out of state	197	167	28	2
Total:	92,146	65,338	25,899	909

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
Motorhomes	1,878
HD Mileage (<5,000)	11,017
HD Fleet Size (<=5)	5,226
Farm	3,991
Log	69
Antique vehicles	Unknown
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

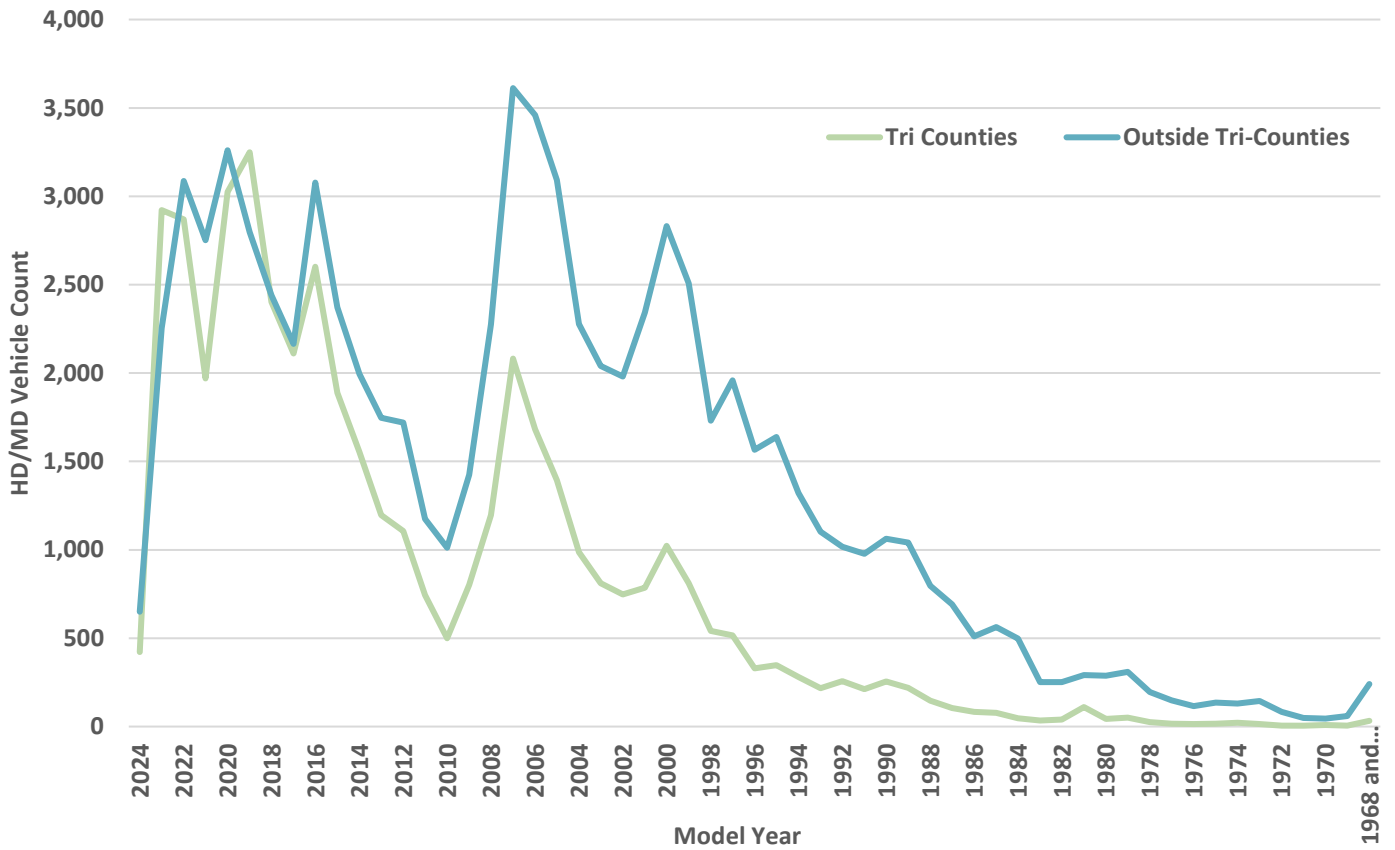


Figure 2 – Number of 2009 or Older MD & HD Diesel Vehicles Registered in Tri-Counties

