



# **HB 2007 Report to the Legislature**

September 15, 2024

## 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 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

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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

# Results<sup>1</sup>

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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 43 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.

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<sup>1</sup> All data provided is as of June 30, 2024.

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

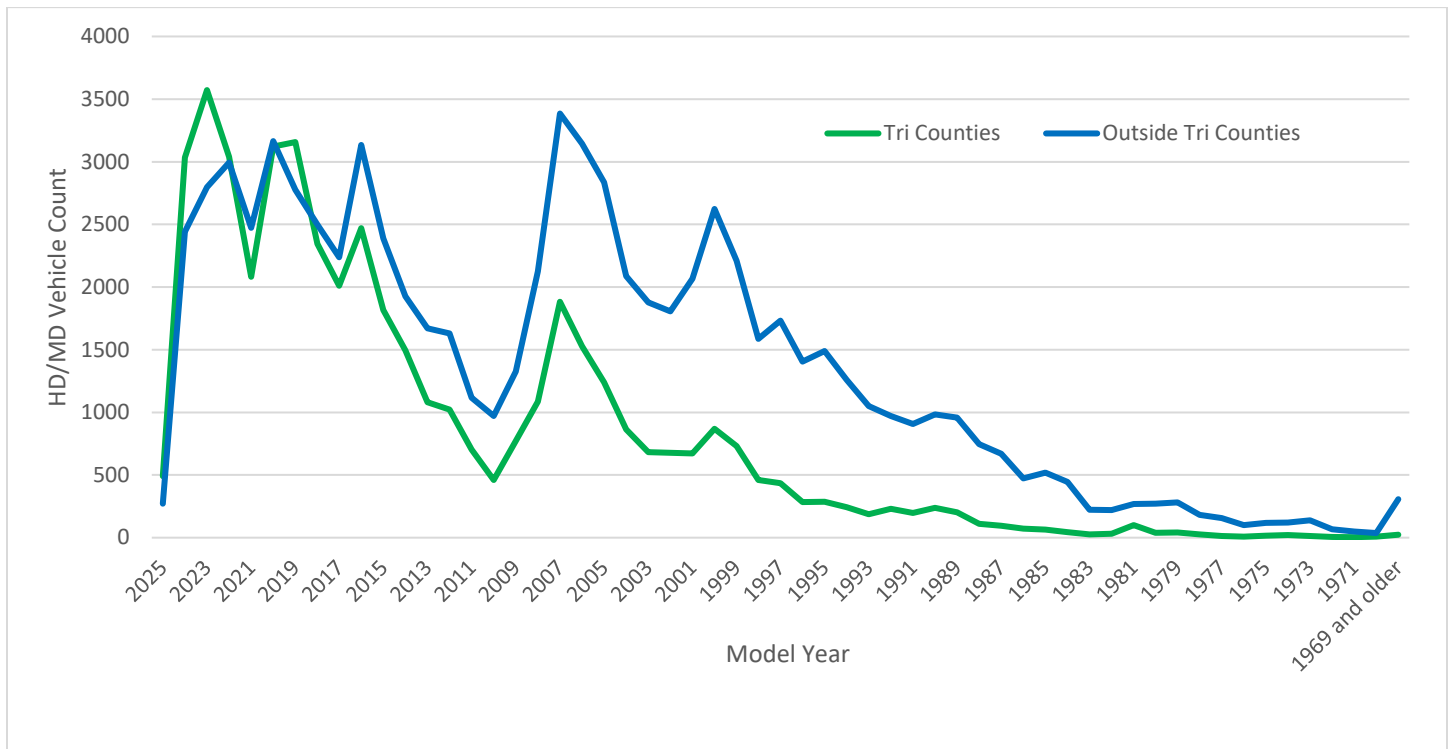
County	Total	Heavy Duty	Medium Duty	Unknown
Baker	368	275	81	12
Benton	723	477	214	32
Clackamas	7,767	5,460	2,267	40
Clatsop	728	444	275	9
Columbia	919	658	237	24
Coos	1,266	955	294	17
Crook	700	598	98	4
Curry	502	332	154	16
Deschutes	3,759	2,541	1,168	50
Douglas	2,550	1,994	530	26
Gilliam	62	48	10	4
Grant	250	174	68	8
Harney	227	163	60	4
Hood River	487	306	174	7
Jackson	4,258	3,123	1,101	34
Jefferson	524	400	113	11
Josephine	1,251	802	434	15
Klamath	3,786	3,182	585	19
Lake	308	230	72	6
Lane	9,359	6,937	2,330	92
Lincoln	705	445	244	16
Linn	3,498	2,688	783	27
Malheur	911	718	171	22
Marion	8,228	5,515	2,536	177
Morrow	481	408	67	6
Multnomah	23,697	17,922	5,417	358
Polk	825	550	268	7
Sherman	74	52	21	1
Tillamook	734	512	209	13
Umatilla	2,364	1,959	382	23
Union	636	507	118	11
Wallowa	257	213	40	4
Wasco	536	311	198	27
Washington	8,602	5,551	2,939	112
Wheeler	38	25	12	1
Yamhill	1,231	731	490	10
Out of state	122	102	19	1
Total:	92,733	67,308	24,179	1,246

<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.

**Table 2 – Exemptions**

<b>Exemption</b>	<b>Total Vehicles</b>
Motorhomes	1,820
HD Mileage (<5,000)	14,790
HD Fleet Size (<=5)	4,718
Farm	5,742
Log	135
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**

