



HB 2007 Report to the Legislature

September 15, 2022

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 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. 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, 2022.

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

County	Total	Total HD	Total MD	Total Unknown
Baker	329	245	80	4
Benton	736	468	262	6
Clackamas	8,415	5,759	2,649	7
Clatsop	748	466	279	3
Columbia	909	661	240	8
Coos	1,323	960	355	8
Crook	723	602	120	1
Curry	527	333	185	9
Deschutes	3,162	2,080	1,066	16
Douglas	2,644	2,002	620	22
Gilliam	67	56	10	1
Grant	251	180	71	0
Harney	227	168	58	1
Hood River	427	250	175	2
Jackson	4,219	2,937	1,269	13
Jefferson	532	393	137	2
Josephine	1,379	811	563	5
Klamath	3,486	2,854	628	4
Lake	304	220	83	1
Lane	8,312	5,965	2,315	32
Lincoln	739	472	262	5
Linn	3,311	2,552	749	10
Malheur	741	549	185	7
Marion	8,864	6,315	2,510	39
Morrow	440	371	66	3
Multnomah	20,081	14,254	5,534	293
Polk	854	578	273	3
Sherman	112	83	27	2
Tillamook	825	588	234	3
Umatilla	2,378	1,892	471	15
Union	700	558	139	3
Wallowa	256	214	39	3
Wasco	521	308	202	11
Washington	8,365	4,901	3,453	11
Wheeler	41	26	15	0
Yamhill	1,357	832	521	4
Out of state	40	1	38	1
Total:	88,345	61,904	25,883	558

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	1,990
HD Mileage (<5,000)	12,017
HD Fleet Size (<=5)	422
Farm	1,147
Log	114
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 – Tri-Counties

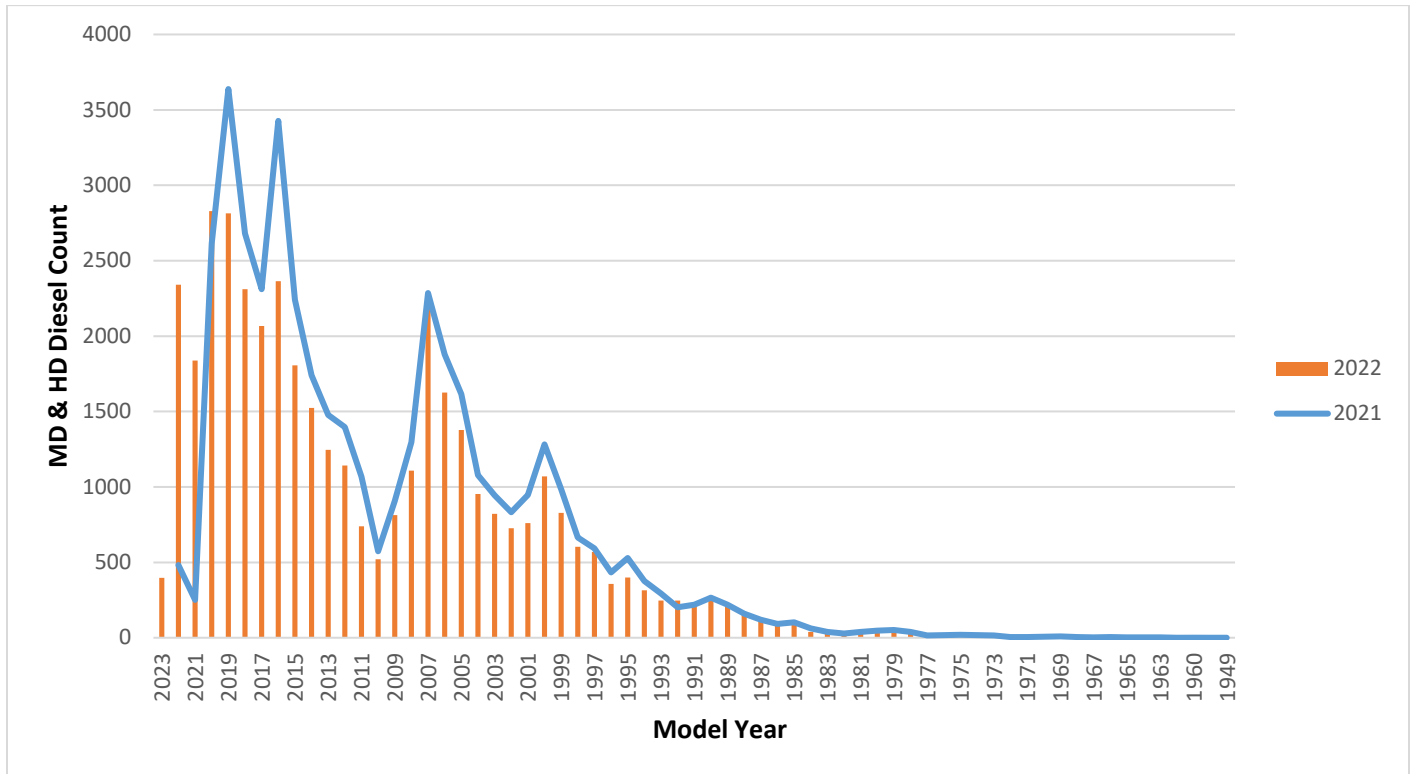


Figure 2 – MD & HD Diesel Vehicle Model Year Distribution – Outside Tri-Counties

