

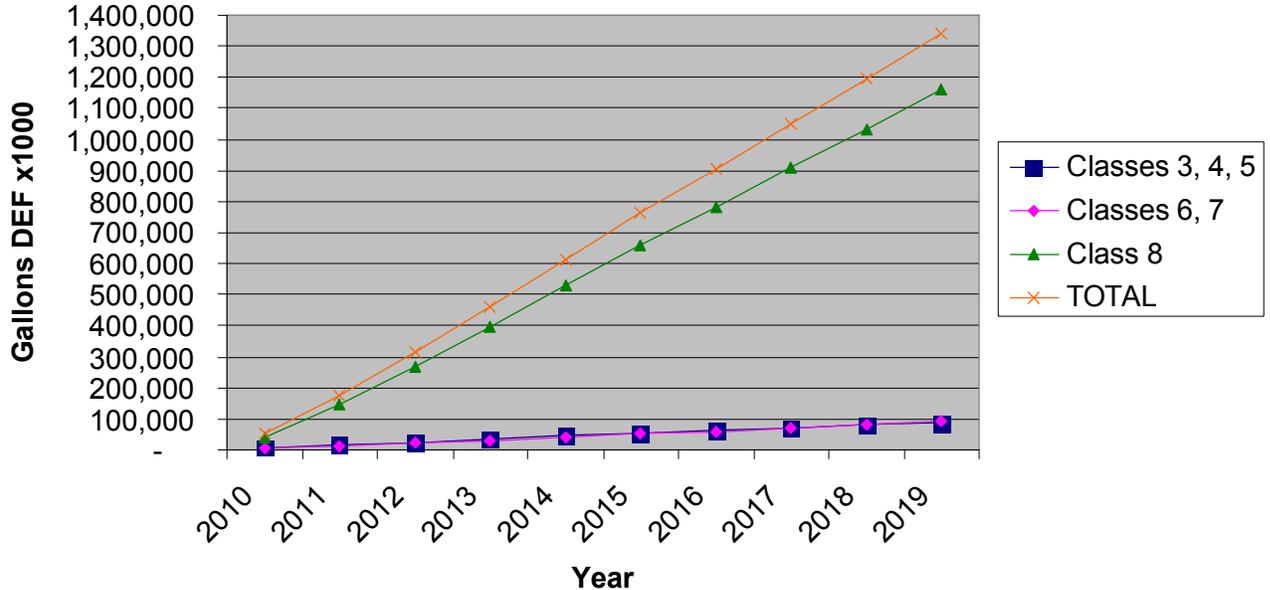
August 25, 2008

## Diesel Exhaust Fluid (DEF) - Consumption Estimates

For U.S. and Canadian On-Road Commercial Vehicles

Gross Vehicle Weight Rating	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Classes 3,4,5	4,508	15,289	24,322	33,655	43,831	53,730	62,054	70,428	78,858	87,486
Classes 6,7	7,041	13,288	22,683	32,053	41,120	50,344	59,928	69,604	80,365	92,101
Class 8	43,014	143,745	269,117	397,358	529,088	660,302	784,063	907,643	1,034,576	1,162,666
<b>TOTAL</b>	<b>54,563</b>	<b>172,322</b>	<b>316,122</b>	<b>463,066</b>	<b>614,039</b>	<b>764,376</b>	<b>906,045</b>	<b>1,047,675</b>	<b>1,193,799</b>	<b>1,342,253</b>

Gallons DEF x1000



The data shown was compiled from engine manufacturers' confidential DEF consumption estimates. Each manufacturer developed its estimates from proprietary information such as engine sales forecasts, vehicle miles traveled estimates, and DEF dosing rates.

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