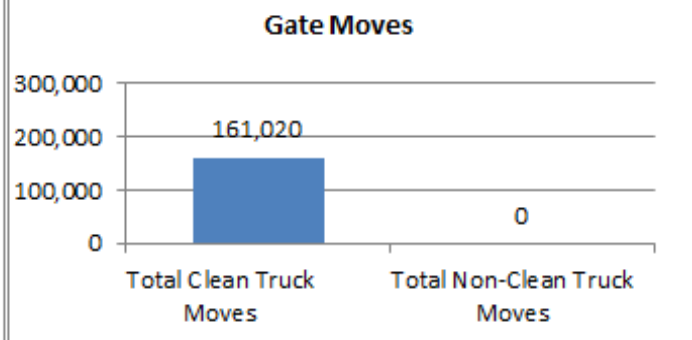
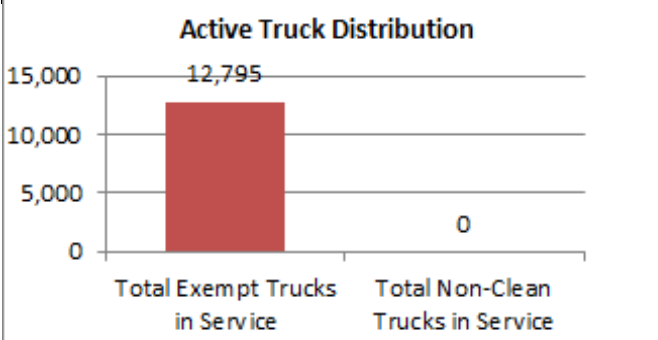


Port of Los Angeles - Clean Truck Program - Gate Move Data Analysis

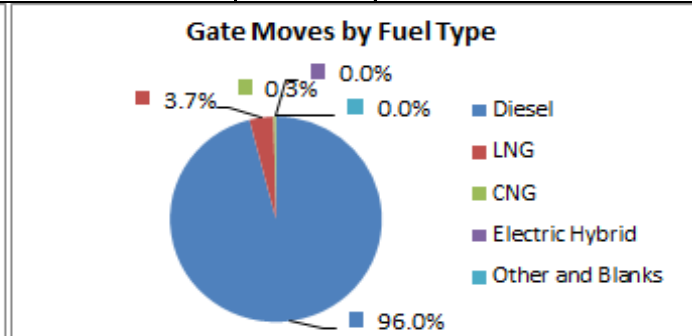
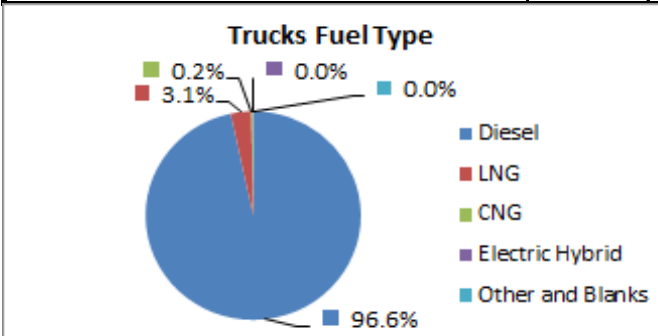
Report Period: 11/1/18 - 11/30/18

Overall Summary Data		More Information	
Total Gate Moves	389,523	PortCheck Data Range:	11/1/18 - 11/30/18
Total Full Container Moves	219,910	PDTR Date Collected:	11/30/18
Notes:			
Total Adjusted Full Container Gate Moves	166,454	This analysis uses PortCheck's Full container gate moves and Empty container gate moves in a separate portion of this analysis.	
Total Adjusted Uniquely Matched ¹	161,020	"Adjusted Full Container Gate Moves": Total of Full container gate moves with RFID and SCAC data.	
% Moves Uniquely Matched ²	96.7%	"Clean Truck/Exempt Truck": 2007 compliant trucks exempt from Clean Truck Program fees. Not ARB DTR exempt.	
Total Registered Trucks in PDTR	17,660	There is no normalized data since 96.7% "Full" moves are uniquely matched.	
Total Trucks in Service	12,795	776 out of 977 Current concessionaires made gate moves.	
% Total Trucks in Service	72.5%		
Total Registered Exempt Trucks	17,660		
Total Exempt Trucks in Service	12,795		
% Total Exempt Trucks in Service	72.5%		
Total Non-Clean Trucks in Service	0		
POLA & POLB Combined Gate Move Summary			
Total Clean Truck Moves	161,020	Total Moves (all types) Matched	627,878
Total Non-Clean Truck Moves	0	Total Moves by Clean Trucks Only	627,878
Total LMCs that made move	883	Total Moves by Alternative Fuel	22,835
Total LMCs that made Clean Moves Only ³	883		3.6%
Total LMCs that have Clean Trucks made move	883		



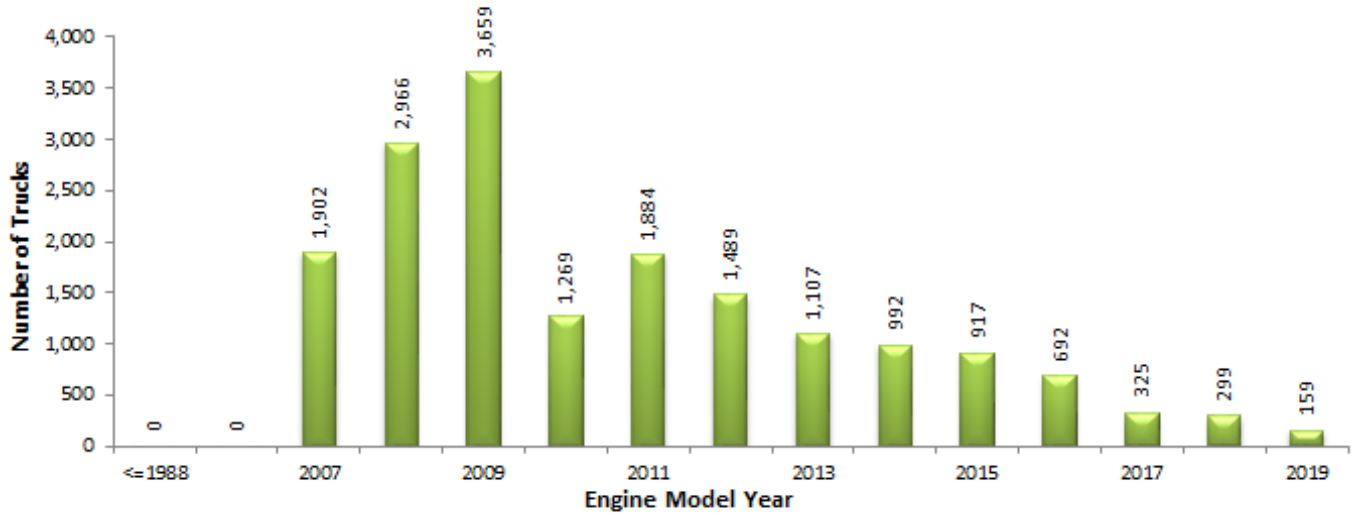
Truck Fuel Type Summary

Fuel Type	Trucks	Percent Trucks	Moves	Percent Moves
Diesel	17,065	96.6%	155,073	96.0%
LNG	545	3.1%	5,950	3.7%
CNG	38	0.2%	545	0.3%
Electric Hybrid	5	0.0%	16	0.0%
Other and Blanks	7	0.0%	14	0.0%
Total	17,660	-	161,598	-

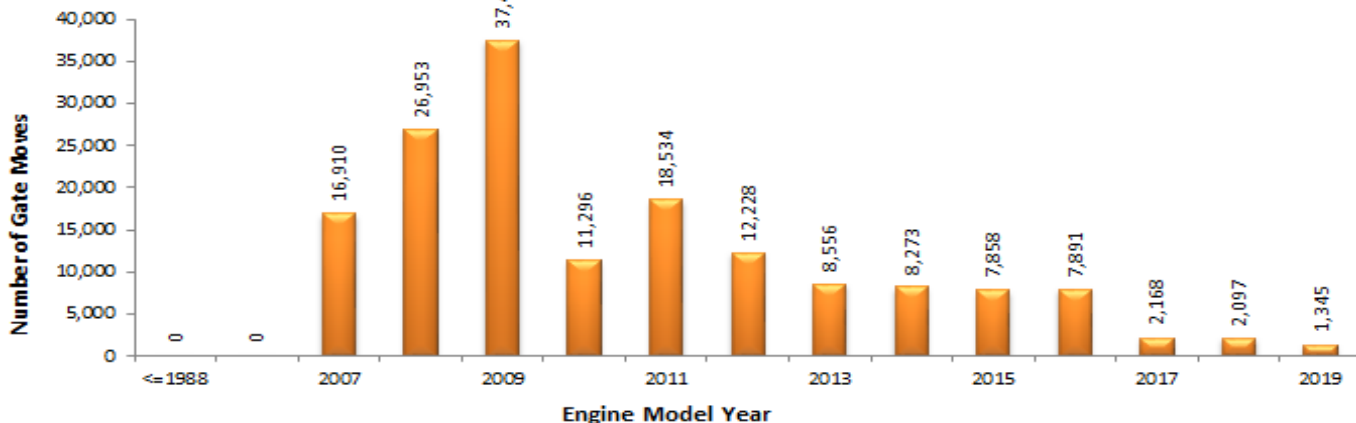


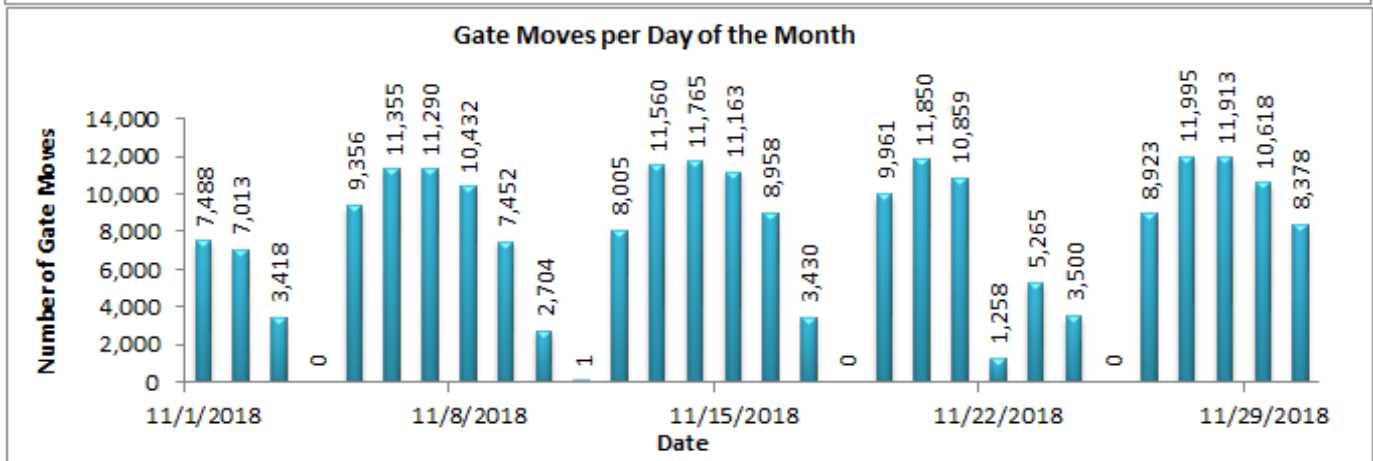
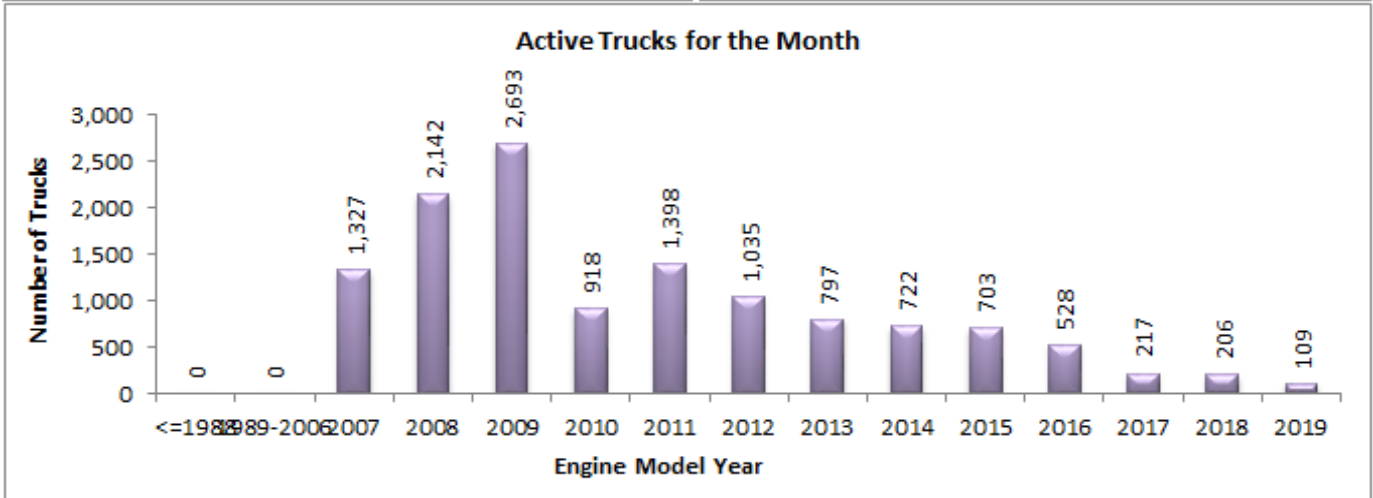
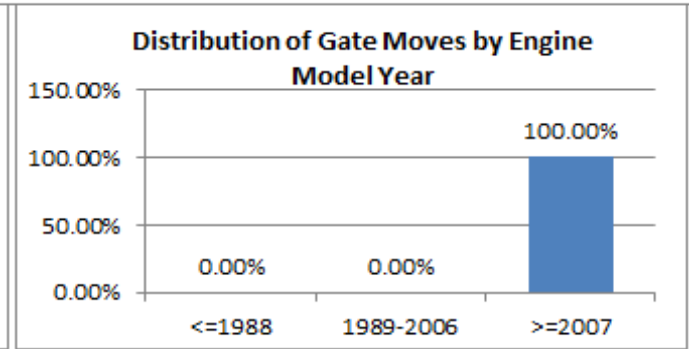
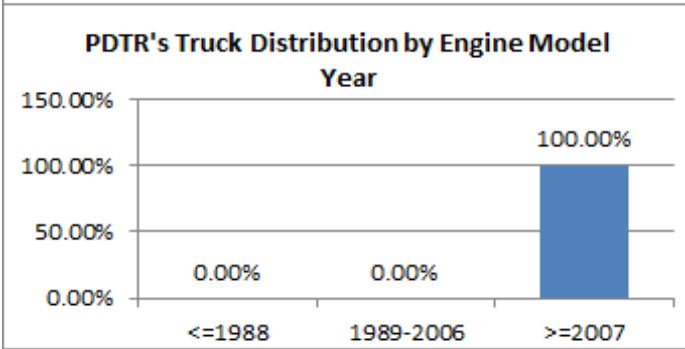
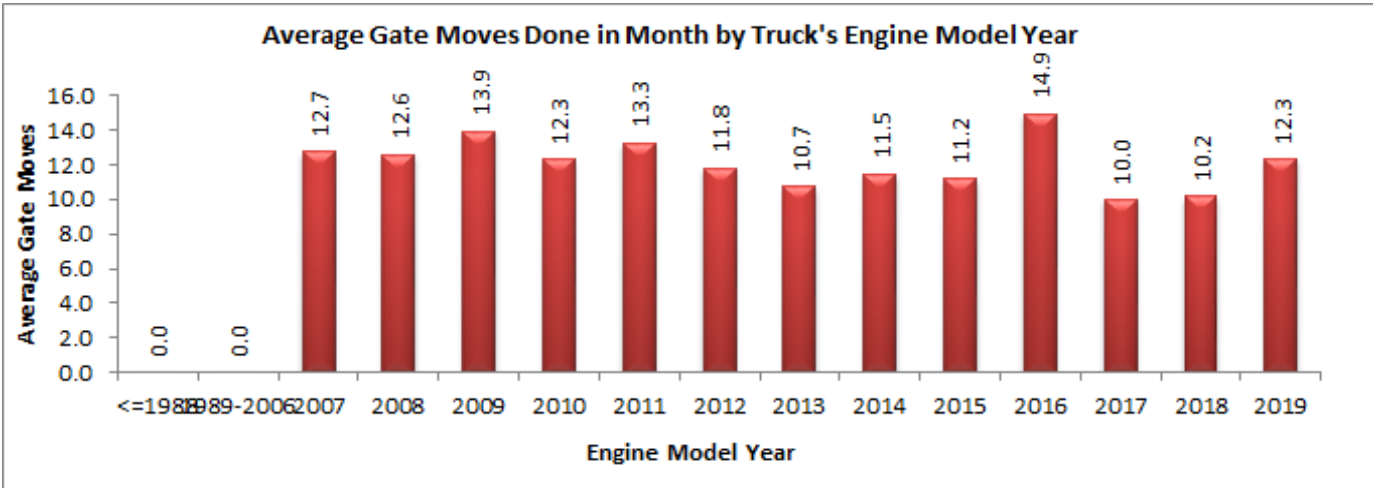
Engine Year	Trucks ⁴	Percent Trucks	Moves ⁵	Percent Moves	Moves per Truck ⁶	Active Trucks ⁷
<=1988	0	0.00%	0	0.00%	0.0	0
1989-2006	0	0.00%	0	0.00%	0.0	0
2007	1,902	10.77%	16,910	10.46%	12.7	1,327
2008	2,966	16.80%	26,953	16.68%	12.6	2,142
2009	3,659	20.72%	37,489	23.20%	13.9	2,693
2010	1,269	7.19%	11,296	6.99%	12.3	918
2011	1,884	10.67%	18,534	11.47%	13.3	1,398
2012	1,489	8.43%	12,228	7.57%	11.8	1,035
2013	1,107	6.27%	8,556	5.29%	10.7	797
2014	992	5.62%	8,273	5.12%	11.5	722
2015	917	5.19%	7,858	4.86%	11.2	703
2016	692	3.92%	7,891	4.88%	14.9	528
2017	325	1.84%	2,168	1.34%	10.0	217
2018	299	1.69%	2,097	1.30%	10.2	206
2019	159	0.90%	1,345	0.83%	12.3	109
Typos/Blanks	0	0.00%	0	0.00%	0.0	0
Total	17,660	100.00%	161,598	100.00%	-	12,795

PDTR's Truck Distribution by Engine Model Year



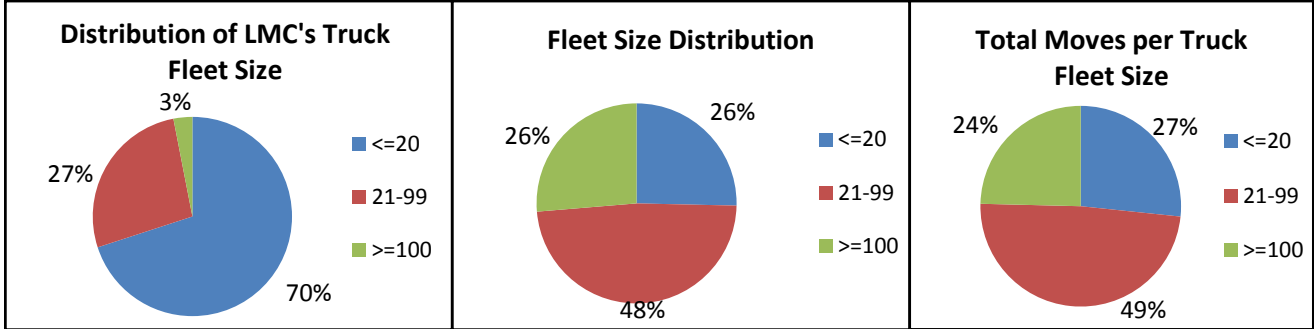
Distribution of Gate Moves by Engine Model Year for the Month





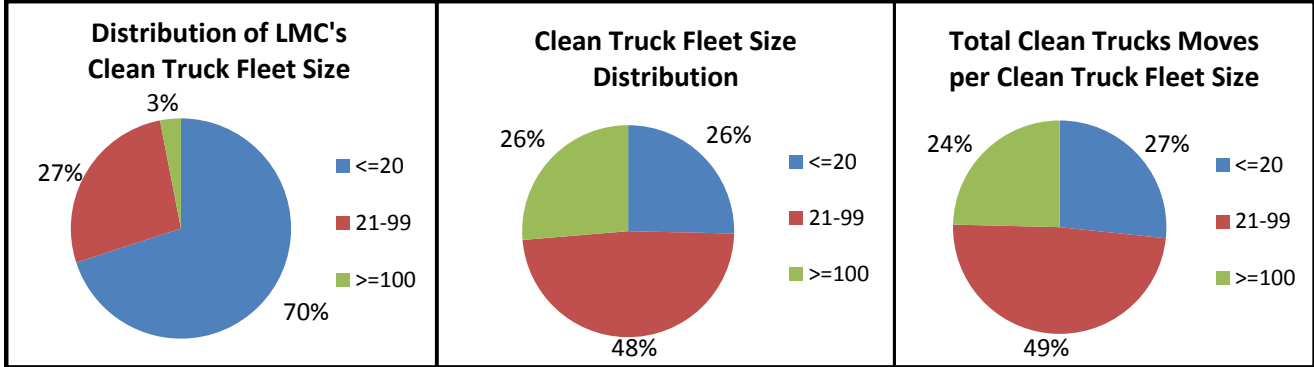
Total Gate Moves by Fleet Size

Fleet Size	LMCs	Total Fleet Size ⁸	Total Moves	Avg. Number of Moves per Fleet Size ⁹	Avg. Number of Trucks per LMC ¹⁰
<=20	618	5,303	42,914	8.09	8.58
21-99	238	10,110	78,477	7.76	42.48
>=100	27	5,505	39,629	7.20	203.89
Total	883	20,918	161,020	7.70	23.69



Gate Moves by Clean Truck Fleet Size

Clean Truck Fleet Size	LMCs	Total Clean Truck Fleet Size ¹¹	Total Moves by Clean Trucks	Avg. Number of "Clean Moves" per Clean Truck Fleet Size ¹²	Avg. Number of Clean Trucks per LMC ¹³
<=20	618	5,303	42,914	8.09	8.58
21-99	238	10,110	78,477	7.76	42.48
>=100	27	5,505	39,629	7.20	203.89
Total	883	20,918	161,020	7.70	23.69



Footnotes:**1. Total Adjusted Uniquely Matched:**

Amount of Adjusted Not Exempt moves crosschecked with PDTR RFID# and PortCheck RFID#.

2. % Moves Uniquely Matched:

The quotient of *Adjusted Uniquely Matched* by Adjusted Not Exempt Moves x100%.

3. Total LMCs that made Clean Moves Only:

The difference of the # of LMCs that made a move and the # of LMCs who made a move with Non-Clean Trucks.

4. Trucks:

Breakdown of trucks in the PDTR by Engine Model Year(EY).

5. Moves:

Breakdown of the current month's gate movement by a truck's Engine Model Year.

6. Moves per Truck:

The average number of moves made during the month distributed by the EY of all registered trucks in the PDTR.

7. Active Trucks

Distribution of trucks by EY that actually made moves during the current month.

8. Total Fleet Size:

Categorized LMCs by the size of their truck fleet, regardless of EY, and summed the fleet sizes for each category.

9. Average Number of Moves per Fleet Size:

The quotient of the total *Moves* divided by the *Total Fleet Size* for each fleet size category.

10. Average Number of Trucks per LMC:

The quotient of the *Total Fleet Size* divided by the number of LMCs for each fleet size category.

11. Total Clean Truck Fleet Size:

Categorized LMCs by their clean truck fleet size, only EY \geq 2007, and summed the fleet sizes for each category.

12. Average Number of "Clean Moves" per Clean Truck Fleet Size:

The quotient of the total clean moves divided by the *Total Clean Truck Fleet Size* for each fleet size category.

13. Average Number of Clean Trucks per LMC:

The quotient of total "clean moves" divided by the *Total Clean Truck Fleet Size* for each fleet size category.