

Commercial Vehicle Performance
First Quarter 2015
Finance and Administration Committee
April 15, 2015

Agenda

- ▶ **Overview**
- ▶ **Metrics we monitor**
- ▶ **Initial summary of metrics**
- ▶ **Early trends**
- ▶ **Next steps**

Overview

- ▶ **Toll increase effective January 1, 2015**
 - ▶ 40 percent increase
 - ▶ Overnight discount (10 p.m. to 6 a.m.)
 - ▶ No differential for cash or I-PASS

- ▶ **Monitoring initial results**
 - ▶ Data set compares 2014 YTD to 2015 YTD (through April 5, 2015)
 - ▶ Jane Addams Memorial Tollway (I-90) western segment is complete
 - ▶ Compare actual performance to forecast performance

- ▶ **Continue communication with trucking industry**



Tollway Monitors Comprehensive Data

Tollway monitors data for both passenger vehicles (PV) and commercial vehicles (CV)

- ▶ Plaza transactions and revenue
- ▶ Vehicle classification
- ▶ Time of day
- ▶ I-PASS compared to cash
- ▶ Weather
- ▶ Construction
- ▶ Delays
- ▶ Crash rates

Initial Summary of Metrics

In the first three months of 2015, the Tollway has seen an increase in overall transactions of all traffic

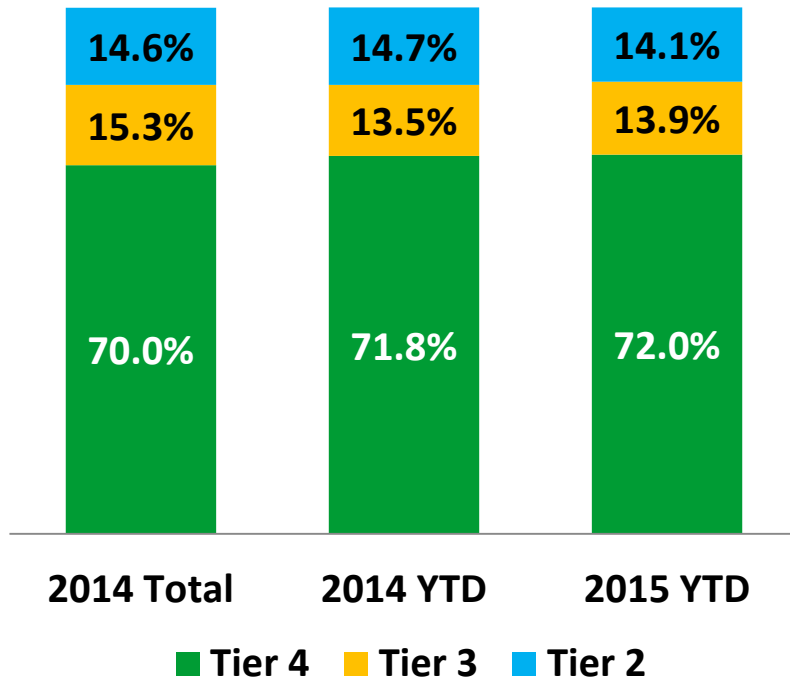
- ▶ **Overall transactions are up 6.4 percent for all traffic year to date***
 - ▶ Passenger cars (PC) up 6.8 percent
 - ▶ Commercial vehicles (CV) up 3.4 percent
- ▶ **Consistent amount of CV transactions year to date**
 - ▶ 2014: 12.2 percent of total systemwide
 - ▶ 2015: 11.9 percent of total systemwide
- ▶ **Overall revenue up 20.4 percent**
 - ▶ Increase in percentage of CV revenue year to date
 - ▶ 2014: 35.9 percent of total systemwide
 - ▶ 2015: 43.3 percent of systemwide

**YTD through April 5, 2015*

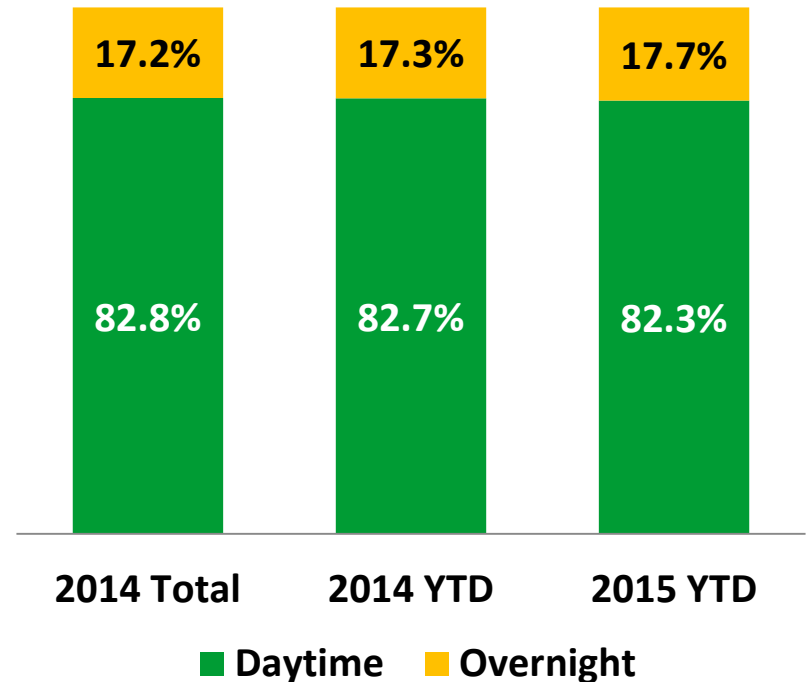
Little Change in CV Traffic Travel Habits

Composition of CV traffic (by vehicle class) remains the same and the vast majority continue to travel during the daytime

CV Transactions by Rate Tier



CV Transactions by Time of Day



*YTD through April 5, 2015

Next Steps

- ▶ **Continue performance monitoring of all traffic**
 - ▶ Additional metrics to be monitored and measured?
- ▶ **Continue outreach and coordination with the trucking industry**
 - ▶ Newsletter anticipated
 - ▶ Freight plan developed
- ▶ **Making future accommodations for potential truck parking**
 - ▶ Professional Service Bulletin item for Design Upon Request contract for truck parking master plan and design



THANK YOU



Appendix

CV Generated Revenue by Corridor

- ▶ Highest CV revenue generated from the Tri-State Tollway
- ▶ Most heavily traveled roadway on the system

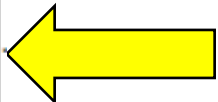
Corridor	Percent of Revenue ⁽¹⁾
Jane Addams Memorial Tollway (I-90)	19
Tri-State Tollway (I-294/I-94)	51
Reagan Memorial Tollway (I-88)	17
Veterans Memorial Tollway (I-355)	13
Total percent of Tollway revenue	100

(1) 2014 adjusted expected revenues are unaudited and preliminary.



Benchmarking CV Toll Rates


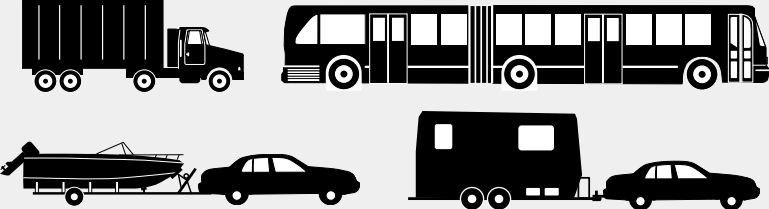

Truck (Five-Axle) Published Toll Rates by Agency, Electronic (I-Pass for Illinois Tollway)		
Agency	\$ / Mile (Facility Weighted)	Last Toll Rate Change
Skyway Concession Company (IL)	3.231	January 1, 2015
Adams Avenue Parkway, Inc (UT)	2.500	June 27, 2001
Harris County Toll Road Authority (TX)	1.981	September 7, 2013
Northwest Parkway, LLC (CO)	1.474	January 1, 2014
Transportation Corridor Agencies (CA)	1.283	July 1, 2014
Central Texas Regional Mobility Authority (TX)	1.183	January 1, 2015
E-470 Public Highway Authority (CO)	1.157	January 1, 2015
Toll Road Investors Partnership II (VA)	1.086	April 11, 2014
Maryland Transportation Authority (MD)	0.991	November 9, 2014
Cameron County Regional Mobility Authority (TX)	0.870	June 5, 2013
Fort Bend County Toll Road Authority (TX)	0.853	November 22, 2014
Metropolitan Washington Airports Authority (VA)	0.784	January 1, 2014
North Carolina Turnpike Authority (NC)	0.755	January 1, 2015
Tampa-Hillsborough County Expressway Authority (FL)	0.720	July 1, 2014
DBi Services (VA)	0.710	January 3, 2013
Miami-Dade Expressway Authority (FL)	0.705	November 15, 2014
SH 130 Concession Company, LLC (TX)	0.682	November 11, 2014
Florida Turnpike Enterprise (FL)	0.666	September 5, 2014
North Texas Tollway Authority (TX)	0.663	May 11, 2014
North East Texas Regional Mobility Authority (TX)	0.609	January 1, 2015
Osoeola County (FL)	0.565	October 6, 2014
South Carolina Department of Transportation (SC)	0.551	March 30, 2008
San Diego Association of Governments (CA)	0.550	June 30, 2012
Connector 2000 Association (SC)	0.531	January 1, 2012
Delaware Department of Transportation (DE)	0.511	August 1, 2014
Pennsylvania Turnpike Commission (PA)	0.508	January 4, 2015
Illinois State Toll Highway Authority (IL)	0.491	January 1, 2015
Texas Department of Transportation (TX)	0.487	January 1, 2015
City of Chesapeake (VA)	0.438	May 1, 2011
Mid-Bay Bridge Authority (FL)	0.400	January 6, 2014
New Jersey Turnpike Authority (NJ) - New Jersey Turnpike	0.385	January 1, 2012
South Jersey Transportation Authority (NJ)	0.341	May 18, 2010
Massachusetts Department of Transportation (MA)	0.332	October 15, 2013
Central Florida Expressway Authority (FL)	0.329	July 1, 2012
Richmond Metropolitan Transportation Authority (VA)	0.294	September 8, 2008
New York State Thruway Authority (NY)	0.266	January 3, 2010
Indiana Toll Road Concession Company (IN)	0.253	July 1, 2014
Maine Turnpike Authority (ME)	0.237	November 1, 2012
New Hampshire Department of Transportation (NH)	0.209	July 1, 2009
Oklahoma Turnpike Authority (OK)	0.195	August 4, 2009
West Virginia Parkways, Economic Development, and Tourism Authority (WV)	0.184	August 1, 2009
Florida Department of Transportation (FL)	0.177	July 1, 2014
Virginia Department of Transportation (VA)	0.150	July 1, 1999
Kansas Turnpike Authority (KS)	0.128	February 1, 2013
Ohio Turnpike and Infrastructure Commission (OH)	0.073	January 1, 2015
Grand Total	0.628	



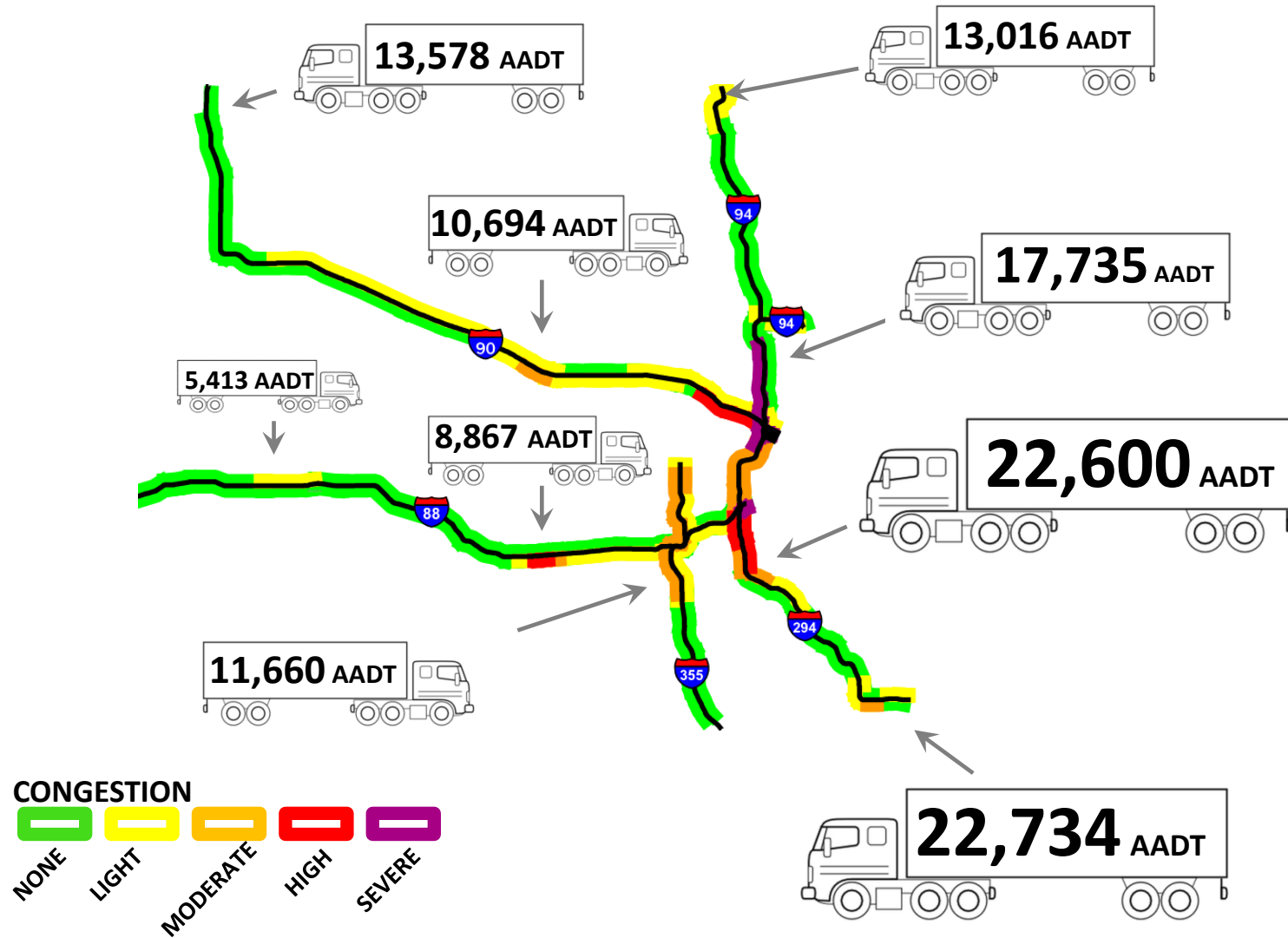
Updated January 5, 2015; data from CDM Smith National Toll Rate Database

* I-Pass is 87.7% of Tollway Truck Transactions (2014)

CV Classification

Vehicle Category	Description
<p>Small Truck</p>	<p>2 axles/6 tires; single unit trucks, buses</p> 
<p>Medium Truck</p>	<p>3 and 4 axles; trucks, buses, auto with 1-2 axle trailers</p> 
<p>Large Truck</p>	<p>5+ axles; trucks, auto with 3 axle trailer</p> 

2013 Usage and Congestion



Seeing an Increase in CV Traffic

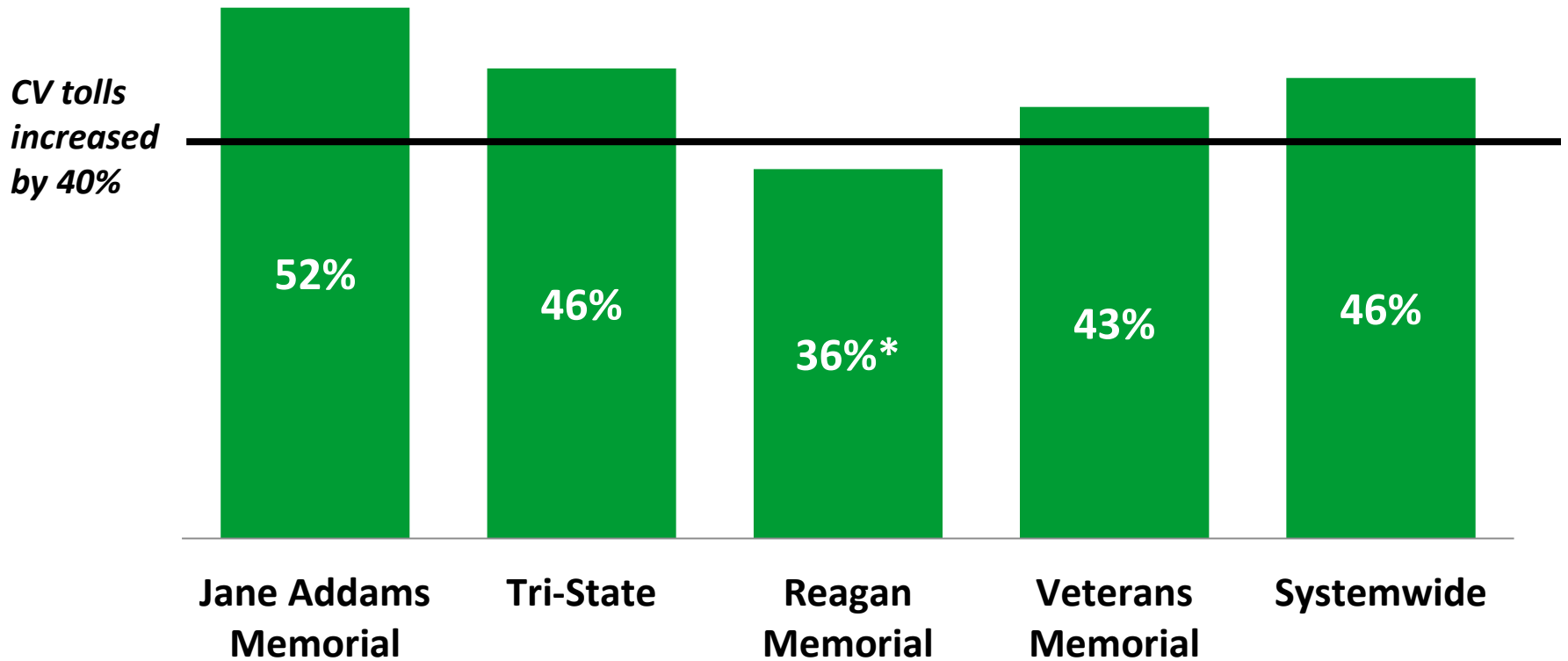
Overall traffic of commercial vehicles increased by 3.4 percent from 2014 YTD to 2015 YTD*

Location		CV % Change YTD
By Mainline Plaza		
Jane Addams	1: South Beloit	4.4%
	5: Belvidere	14.5%
	7: Marengo/Hamp	31.6%
	9: Elgin	8.9%
	17: Devon Ave	0.2%
	19: River Rd	-2.6%
Tri-State	21: Waukegan	3.4%
	24: Edens Spur	-3.2%
	29: Touhy Ave	3.7%
	33: Irving Park Rd	5.0%
	35: Cermak Rd	6.6%
	36: 82nd St	6.4%
	39: 83rd St	6.8%
	41: 163rd St	-5.1%
	43: I-80 WB	0.5%
45: I-80 EB	1.3%	

Location		CV % Change YTD
By Mainline Plaza		
Reagan	51: York Rd	0.4%
	52: Meyers Rd	2.5%
	61: Aurora	-3.5%
	66: Dekalb	-6.2%
	69: Dixon	-1.2%
Veterans	73: Army Trail Rd	3.6%
	89: Boughton Rd	1.7%
	99: Spring Creek	1.2%
By Route		
Jane Addams		4.6%
Tri-State		4.5%
Reagan		-2.1%
Veterans Memorial		2.9%
SYSTEMWIDE		3.4%

*YTD through April 5, 2015

Change of CV Revenue by Corridor



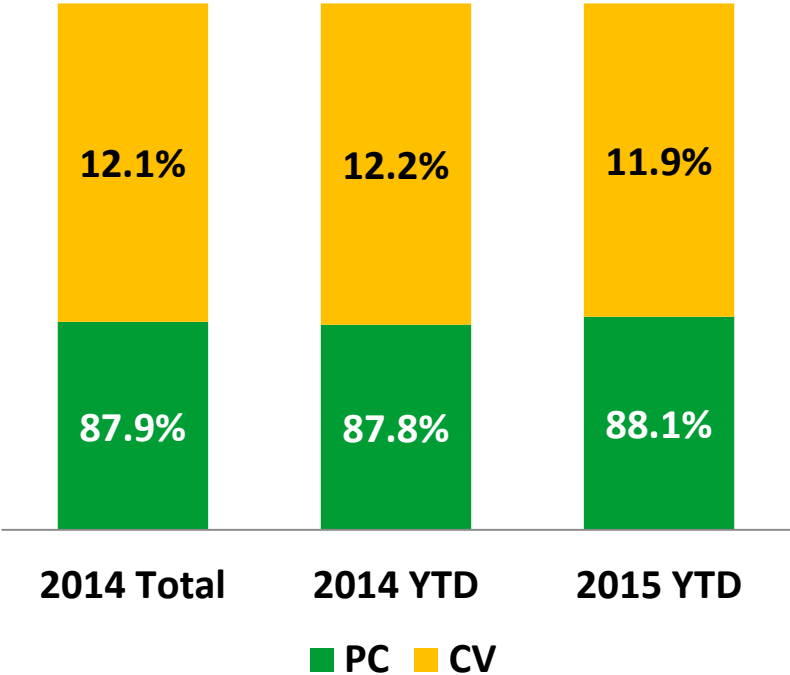
*Reflects re-routing to I-90 after construction was complete

YTD through April 5, 2015

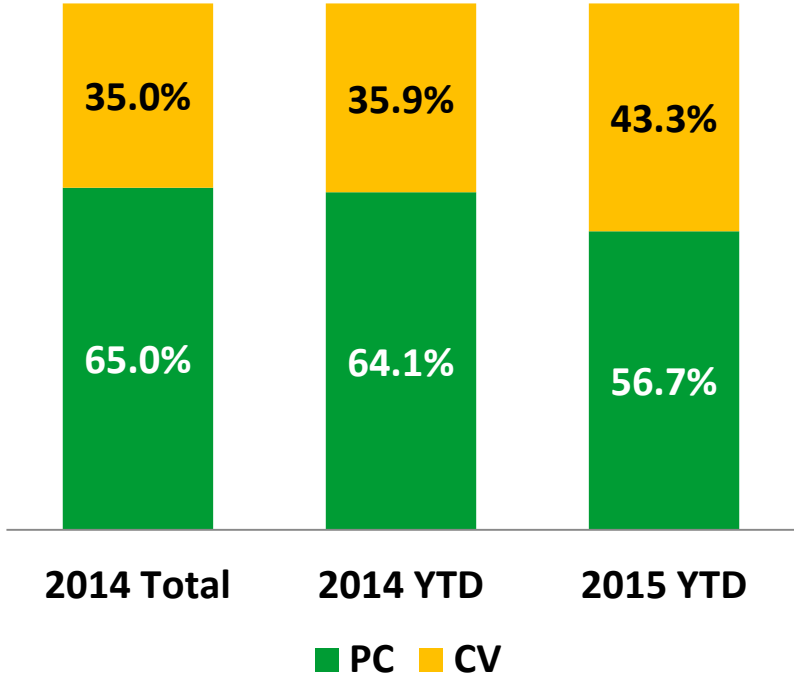
PC and CV Transaction and Revenue Data

- ▶ Majority of transactions are by passenger vehicles
- ▶ Passenger vehicles comprise nearly 60 percent of revenue

Revenue by Vehicle Class



Revenue by Vehicle Class



*YTD through April 5, 2015



THANK YOU
