WFRC

Congestion Management Process System Tracking Report

October 2011

by

Kip Billings

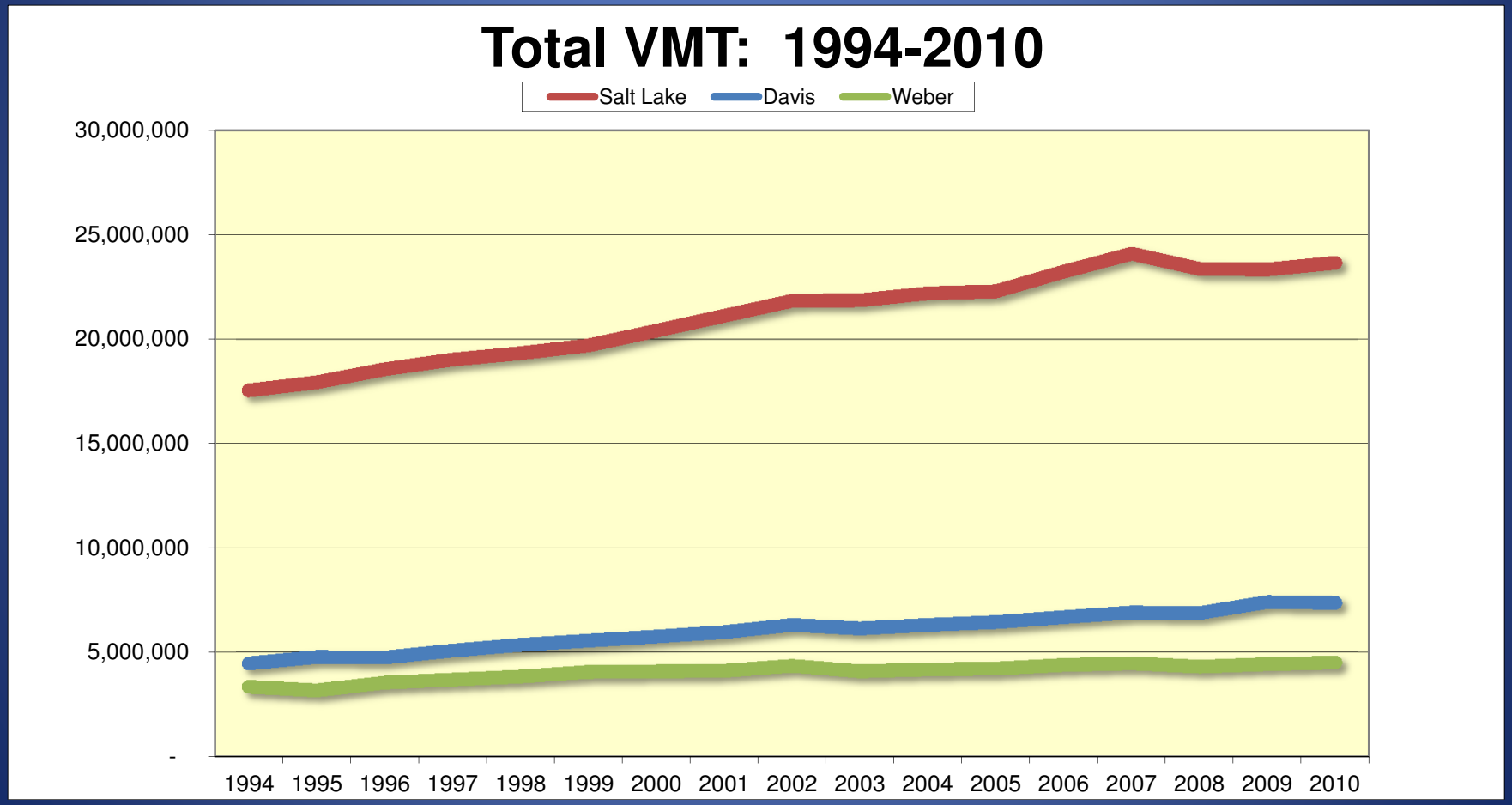
Performance Measures

- Highway
  - Daily VMT
  - VMT/Capita
  - % of Freeway Uncongested (PM peak)
  - Arterial Level of Service (PM peak)
- Transit
  - Daily Passengers by Mode
  - Hourly Passengers per Trip by Mode
  - Annual Passengers/Capita

HIGHWAY PERFORMANCE

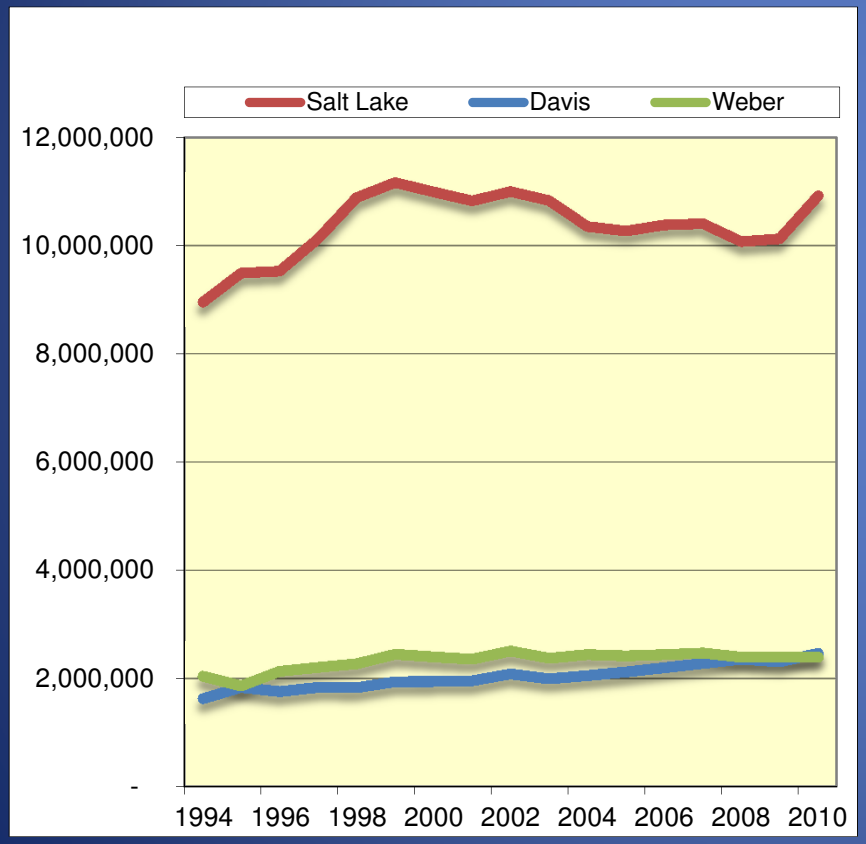
Daily VMT

(UDOT HPMS data)

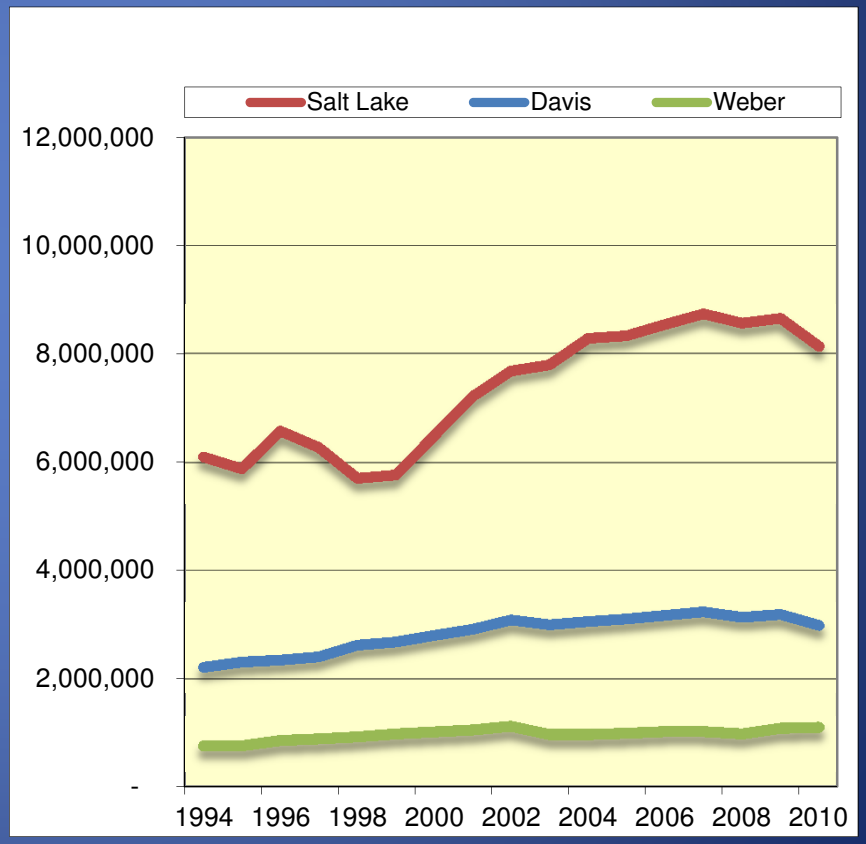


Daily VMT: Arterials & Freeways

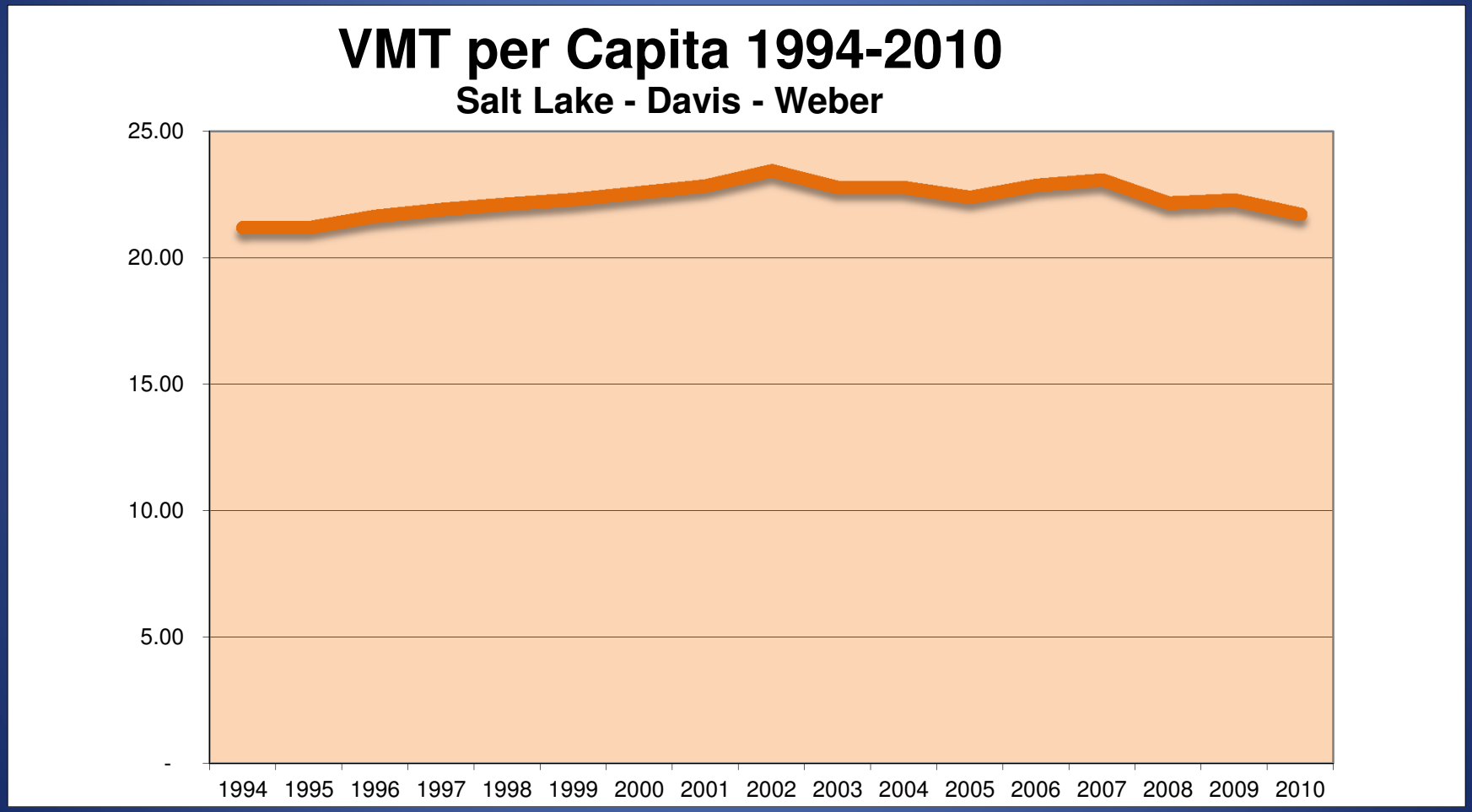
Arterial VMT: 1994-2010



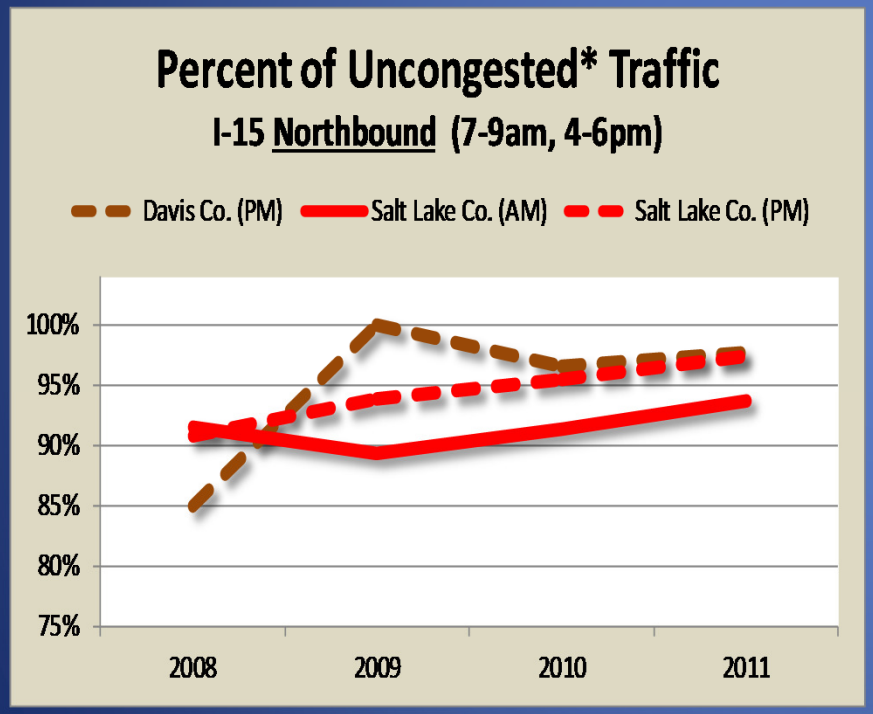
Freeway VMT: 1994-2010



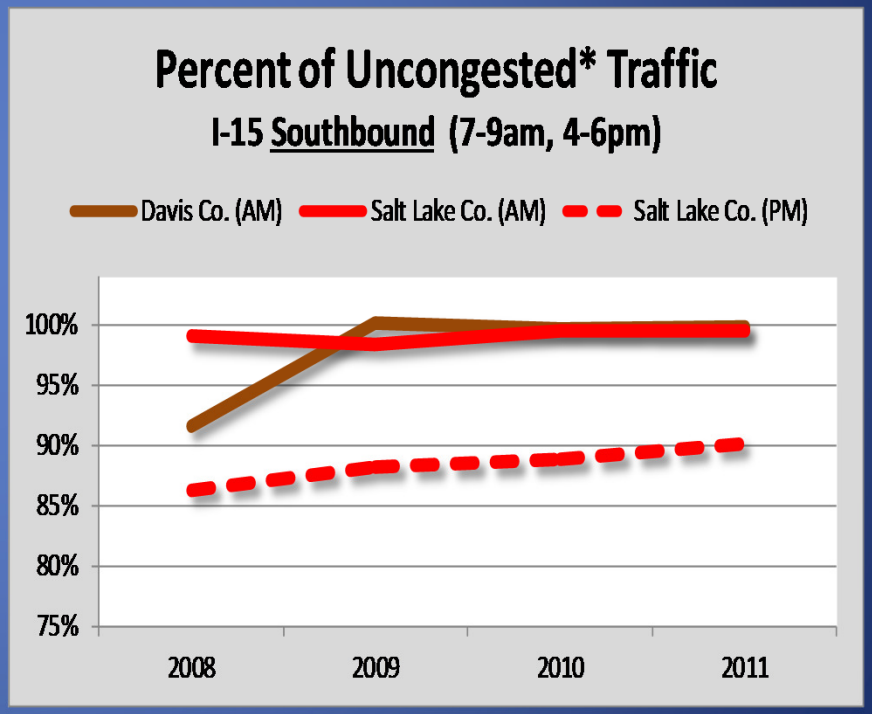
VMT per Capita



Percent of Uncongested Traffic
I-15 Peak Period



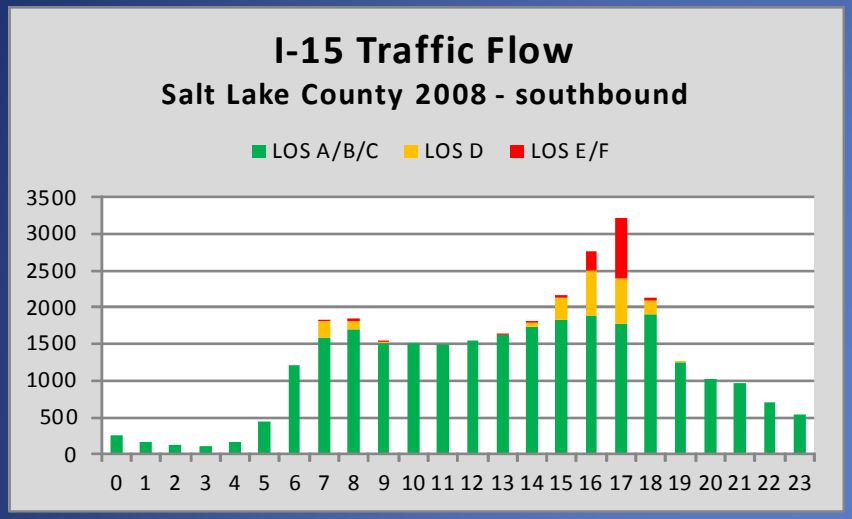
*(LOS A, B, C, or D)

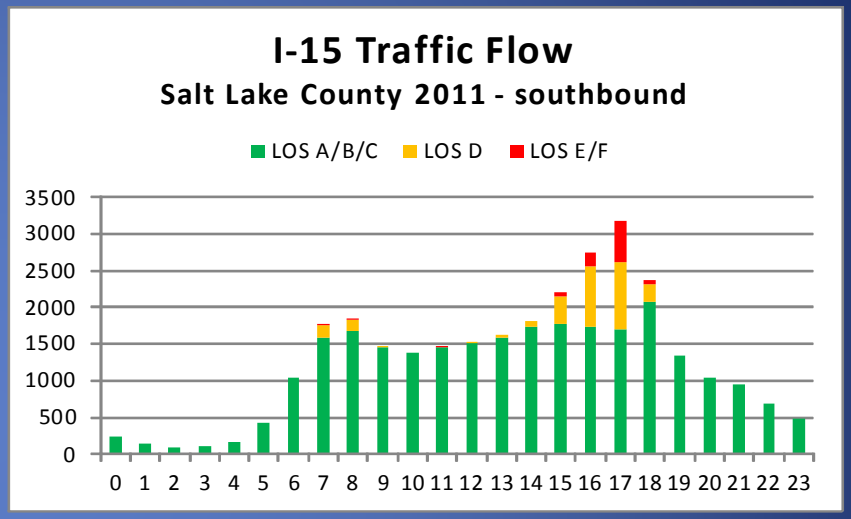


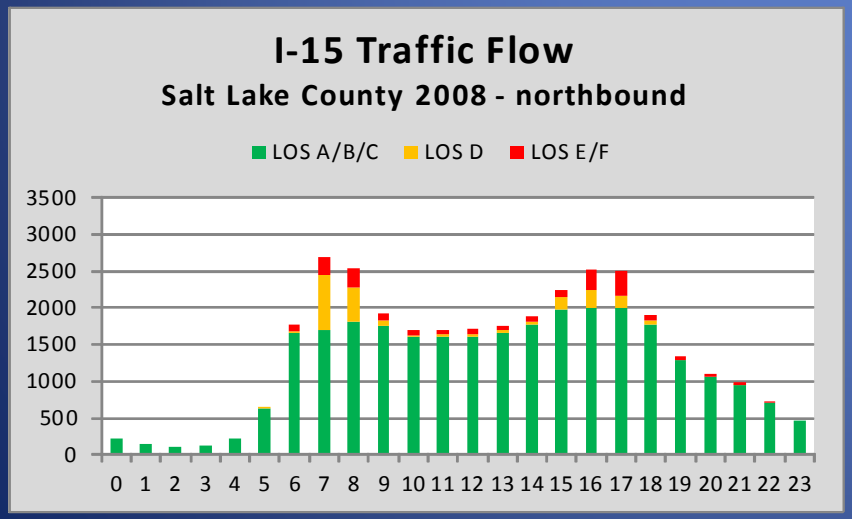
*(LOS A, B, C, or D)

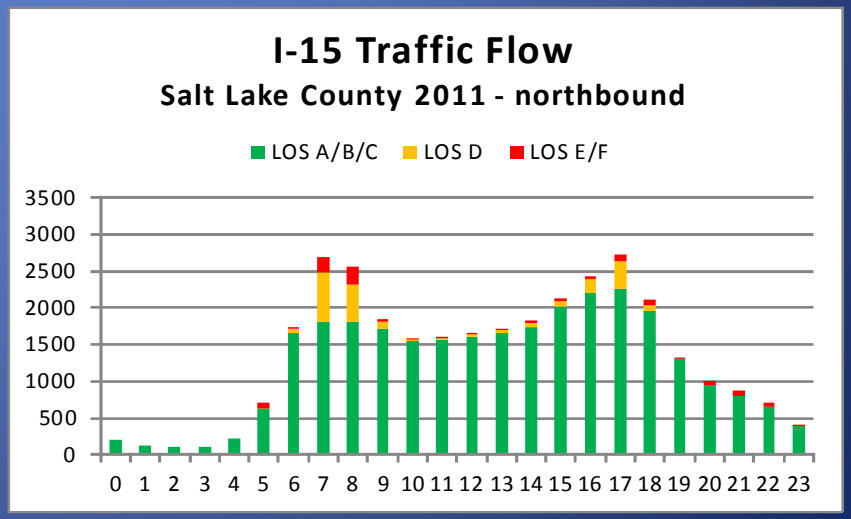
Salt Lake County Freeway Traffic Flow

VHT 2008 vs 2011



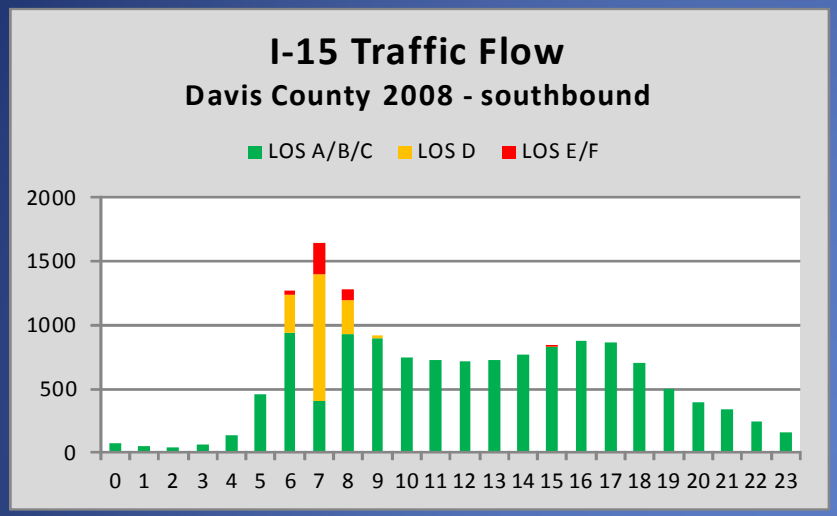


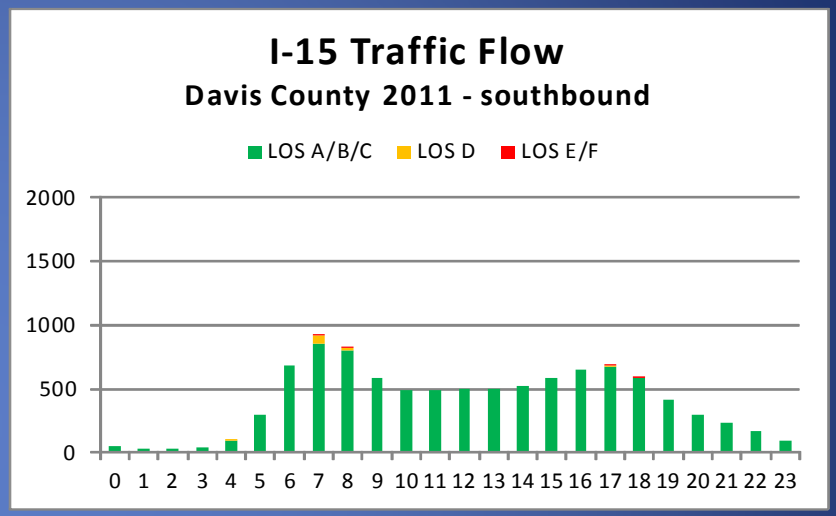


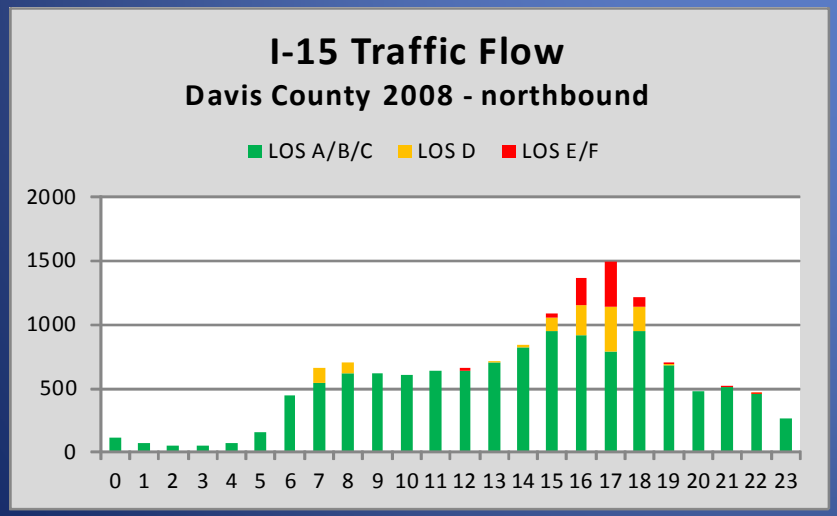


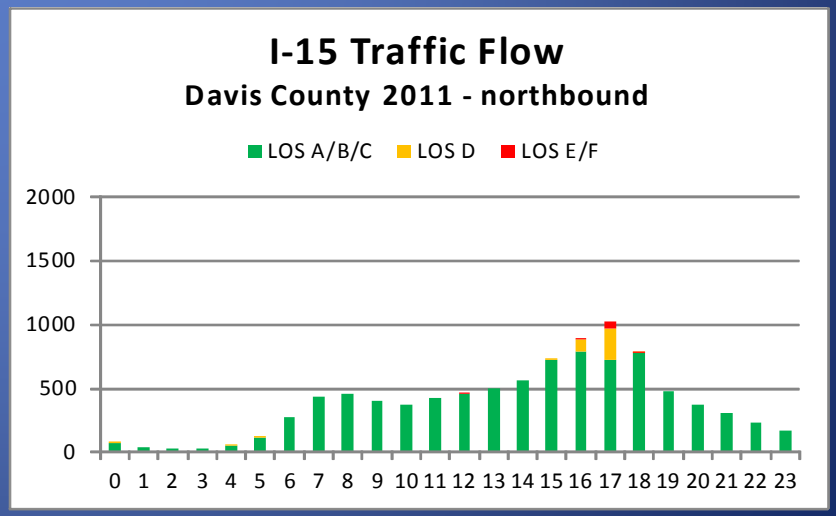
Davis County Freeway Traffic Flow

VHT 2008 vs 2011

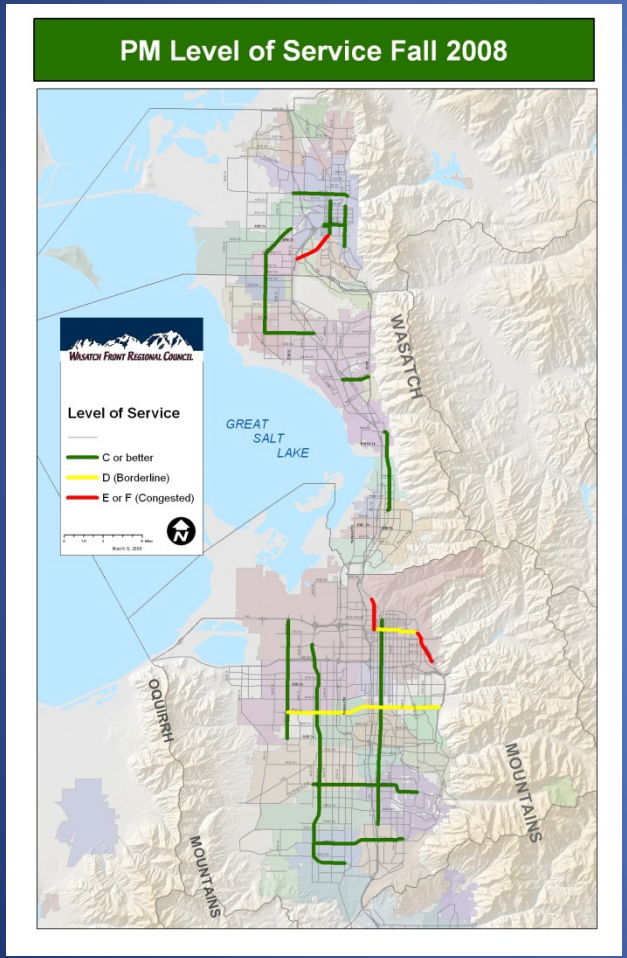


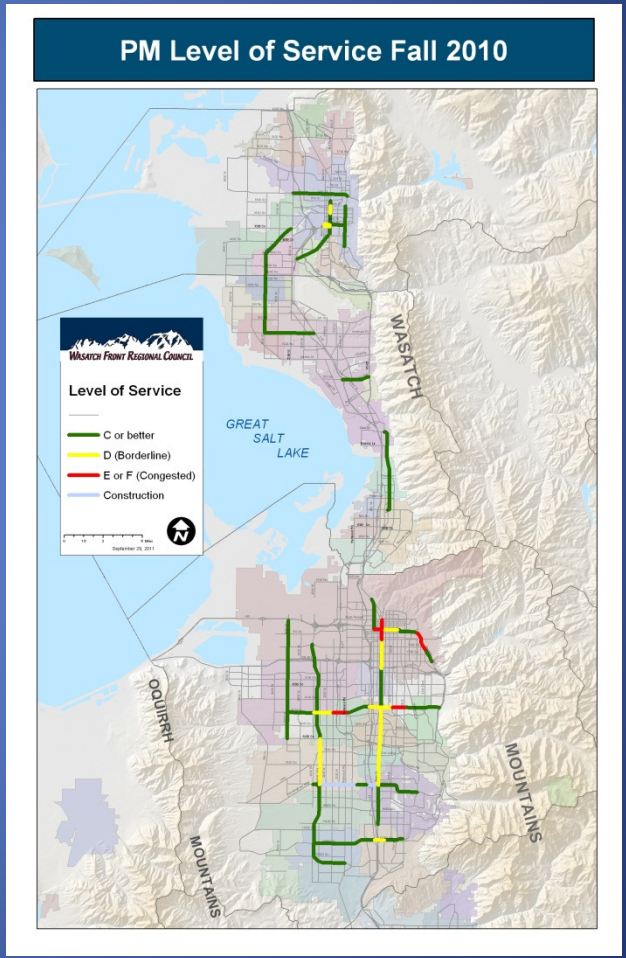






Arterial Level of Service





Arterial LOS

PM Peak Period – East/West

County	Roadway	From	To	2008	2009	2010	2011
Eastbound							
WE	Riverdale Rd	1500 W	37th St	E	D	C	C
WE	31st Street	Wall Ave	Washington	C		D	D
WE	31st Street	Washington	Harrison Blvd	C		B	C
WE	12th St	1900 W	Wall Ave		A	B	
WE	12th St	Wall Ave	Harrison Blvd		A	A	
DA	200 N (Kaysville)	I-15	Fairfield Rd	B		C	
DA	200 N (Kaysville)	Fairfield Rd	US-89	A		B	
SL	4500 S	500 W	State	D	D	D	
SL	4500 S	State	700 E	D	D	D	
SL	4500 S	700 E	1300 E	D	D	F	
SL	4500 S	1300 E	Wasatch Blvd	D	D	C	
SL	9000 S - E	700 W	State St	B	*D*	*E*	
SL	9000 S - E	State St	Highland Dr	A	B	B	
Westbound							
DA	Syracuse Rd	I-15	1000 E	A	B	C	
DA	Syracuse Rd	1000 E	2000 W	B	A	B	
SL	400 S	Wasatch	900 E	D	D	C	
SL	400 S	900 E	State	D	D	D	
SL	400 S	State	300 W	D	D	F	
SL	4500 S	500 W	Redwood	D	D	A	
SL	4500 S	Redwood	2700 W	D	D	F	
SL	4500 S	2700 W	4000 W	D	D	D	
SL	4500 S	4000 W	4800 W	D	D	B	
SL	4500 S	4800 W	5600 W	D	D	C	
SL	9000 S - W	700 W	1000 W	A	A	A	
SL	9000 S - W	1000 W	2200 W	B	*D*	*D*	
SL	9000 S - W	2200 W	Bangerter Hwy	B	*D*	*F*	
SL	9000 S - W	Bangerter Hwy	5600 W	B	B	A	
SL	12300 / 12600 S - W	550 W	1300 W	A	A	A	
SL	12300 / 12600 S - W	1300 W	Bangerter Hwy	A	C	C	

Construction

2008 and 2009 data is for entire corridor.

Arterial LOS

PM Peak Period – North/South

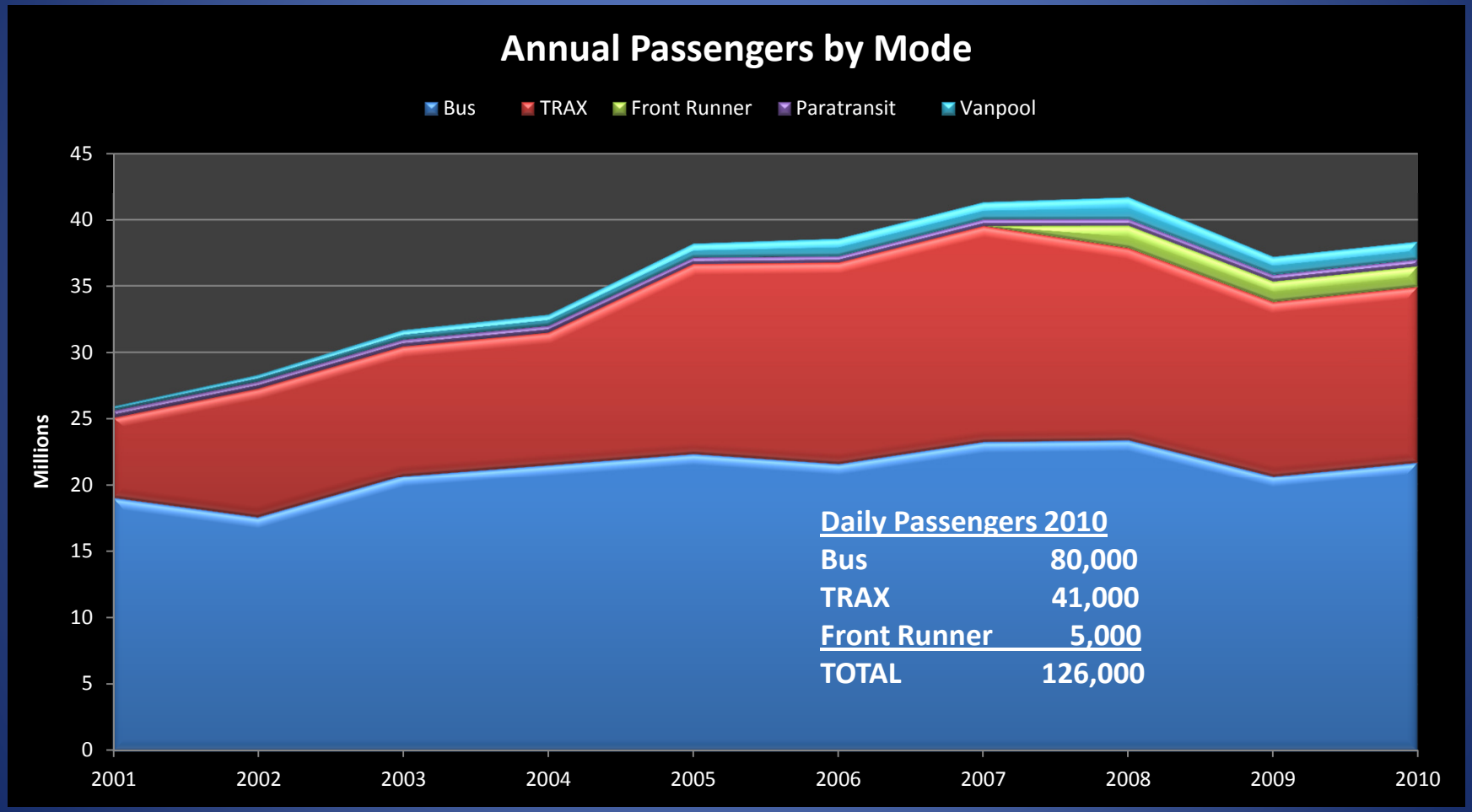
County	Roadway	From	To	2008	2009	2010	2011
Northbound							
WE	Harrison Blvd	3600 St	20th St	C	C	B	B
WE	Washington Blvd	17th St	20th St	C	C	A	A
DA	2000 W	Syracuse Rd	1300 N	A	B	B	
DA	Main St	400 N	Chase Lane	B	C	C	
DA	Main St	Chase Ln	500 S (Farmington)	A	A	A	
DA	Main St	500 S (Farmington)	State St	A	B	A	
SL	300 W	N Temple	600 N	E	D	C	
SL	300 W	600 N	Victory Rd	E	D	A	
Southbound							
WE	Harrison Blvd	3600 St	4200 St	C	C	C	C
WE	Washington Blvd	20th St	24th St	C	C	D	C
WE	Washington Blvd	24th St	34th St	C	C	C	C
WE	Midland Dr	Hinckley Dr	4600 S	A	*D*	C	
DA/WE	2000 W / 3500 W	4600 S	1300 N	A	B	C	
SL	5600 W	I-80	SR-201	B	*E*	A	
SL	5600 W	SR-201	3500 S	B	C	C	
SL	5600 W	3500 S	6200 S	A	A	A	
SL	Bangerter Hwy	1300 S	2100 S	C	C	B	B
SL	Bangerter Hwy	2100 S	6200 S	C	C	C	B
SL	Bangerter Hwy	6200 S	9000 S	C	C	D	B
SL	Bangerter Hwy	9000 S	13400 S	C	C	B	B
SL	Bangerter Hwy	13400 S	Redwood	C	C	A	B
SL	State St - north	North Temple	900 S	C	B	E	
SL	State St - north	900 S	I-80	C	B	D	
SL	State St - south	I-80	4500 S	C	C	B	B
SL	State St - south	4500 S	Winchester	C	C	D	C
SL	State St - south	Winchester	7200 S	C	C	D	D
SL	State St - south	7200 S	9000 S	C	C	D	D
SL	State St - south	9000 S	10600 S	C	C	A	B
SL	State St - south	10600 S	11400 S	C	C	C	D
SL	300 W	400 S	N Temple	E	D	C	
SL	Foothill Blvd.	Wasatch	Sunnyside	E	D	F	
SL	Foothill Blvd.	Sunnyside	2300 E	E	D	E	
SL	Foothill Blvd.	2300 E	2100 S	E	D	C	

Construction

2008 and 2009 data is for entire corridor.

TRANSIT PERFORMANCE

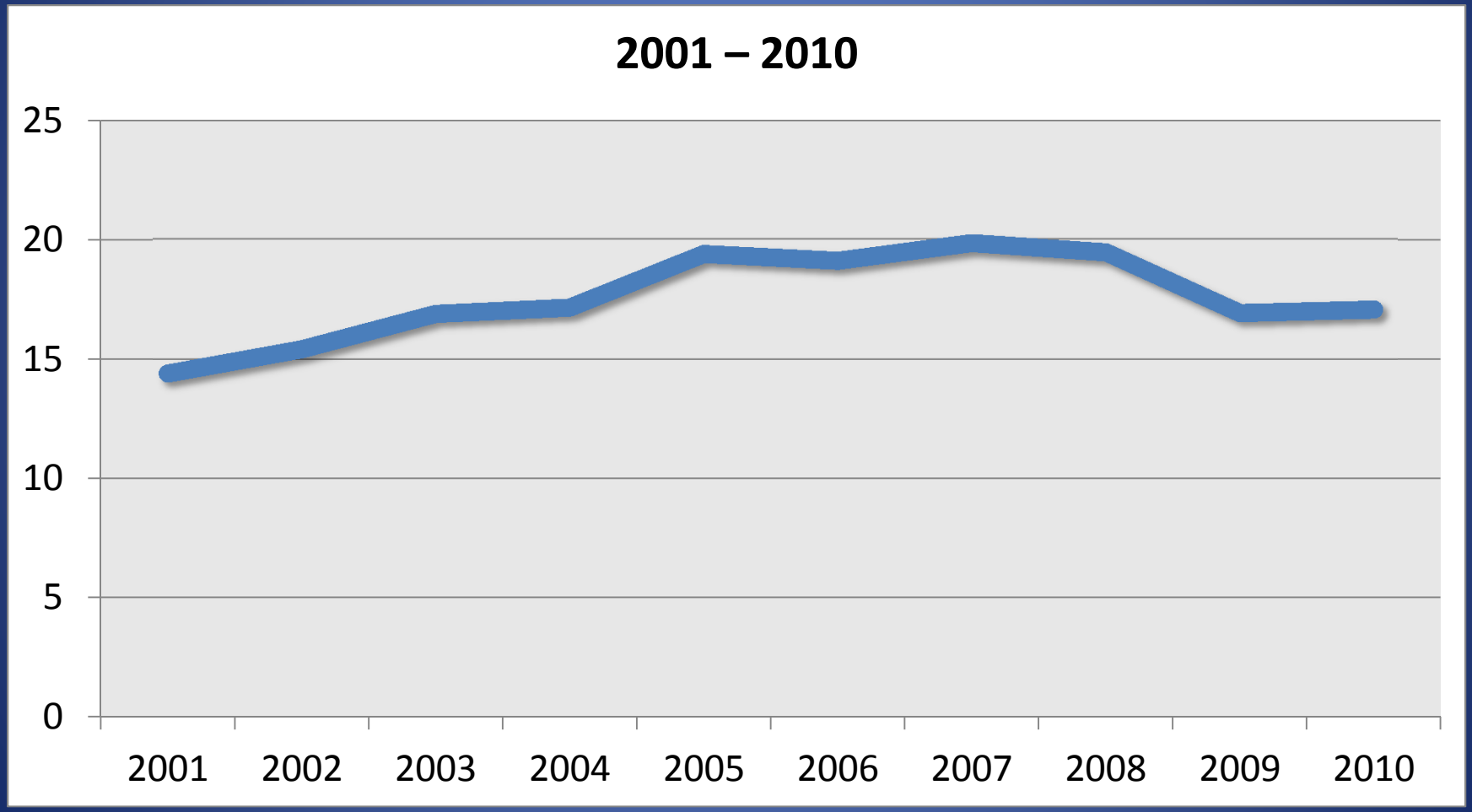
UTA Ridership Trend: 2001-2010



Note: 2004 bus data interpolated between 2003 and 2005 values for consistency.

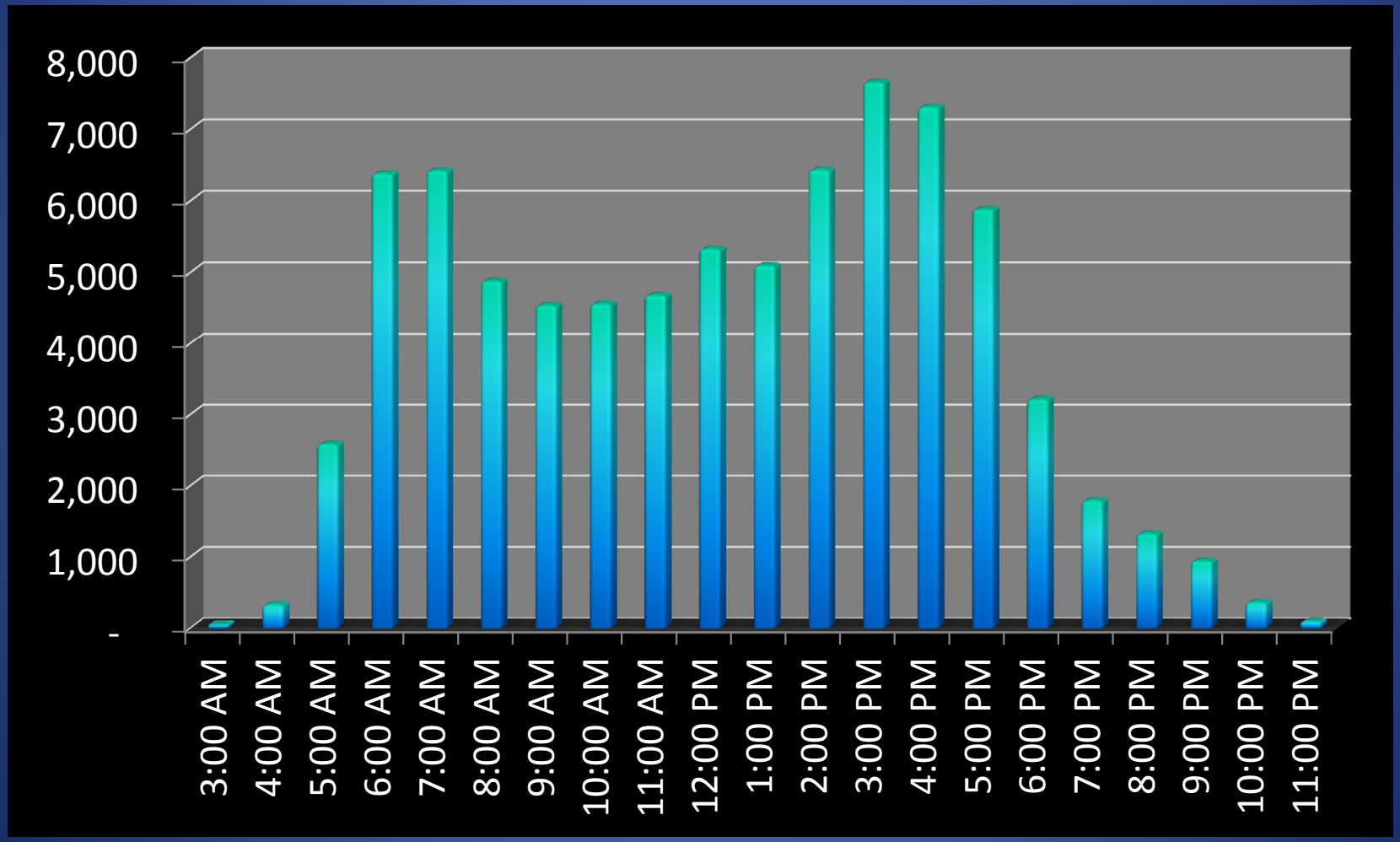
UTA Annual Transit Passengers per Capita

(All Modes)

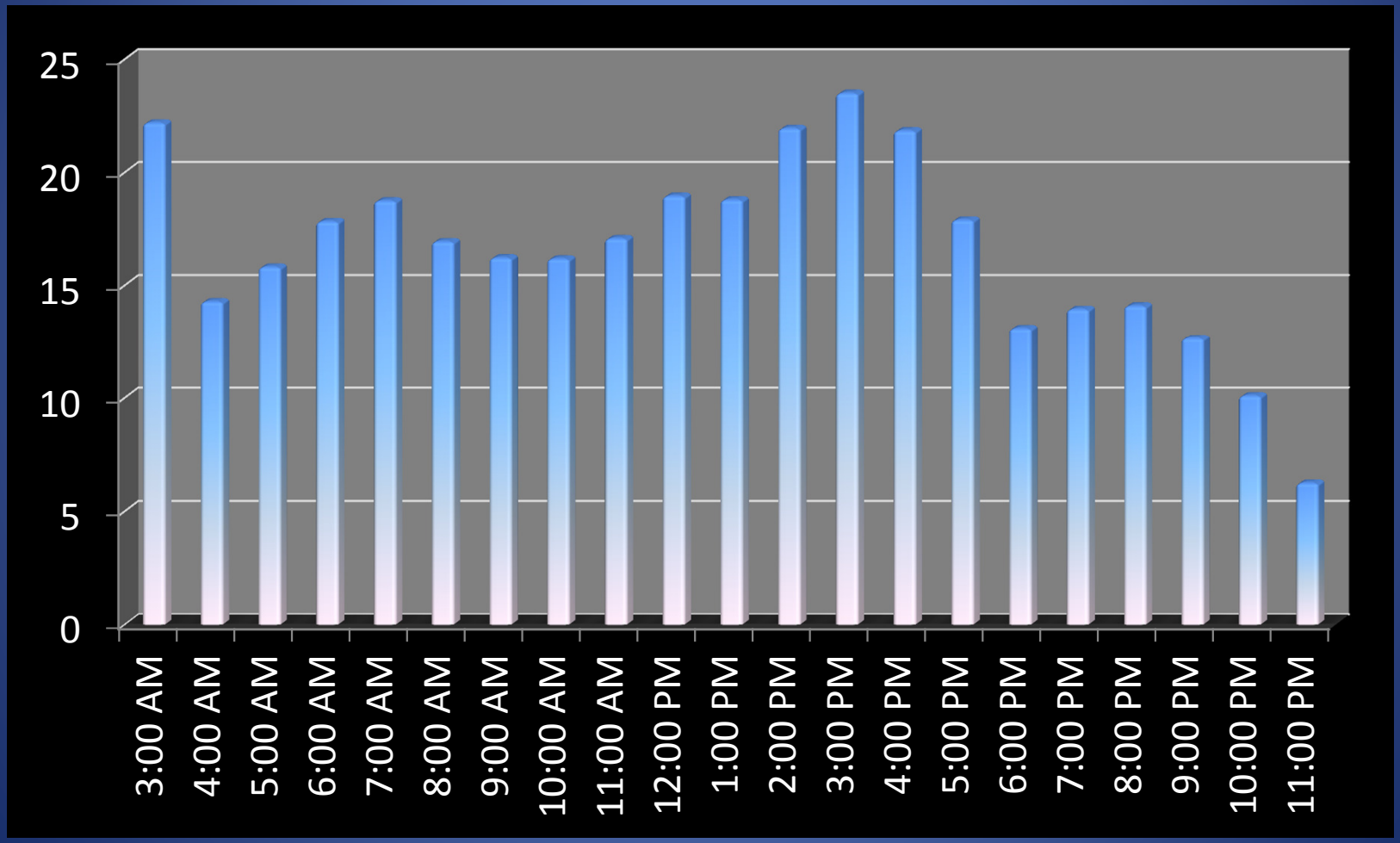


Note: 2004 bus data interpolated between 2003 and 2005 values for consistency.

UTA Hourly Bus Passengers - 2010

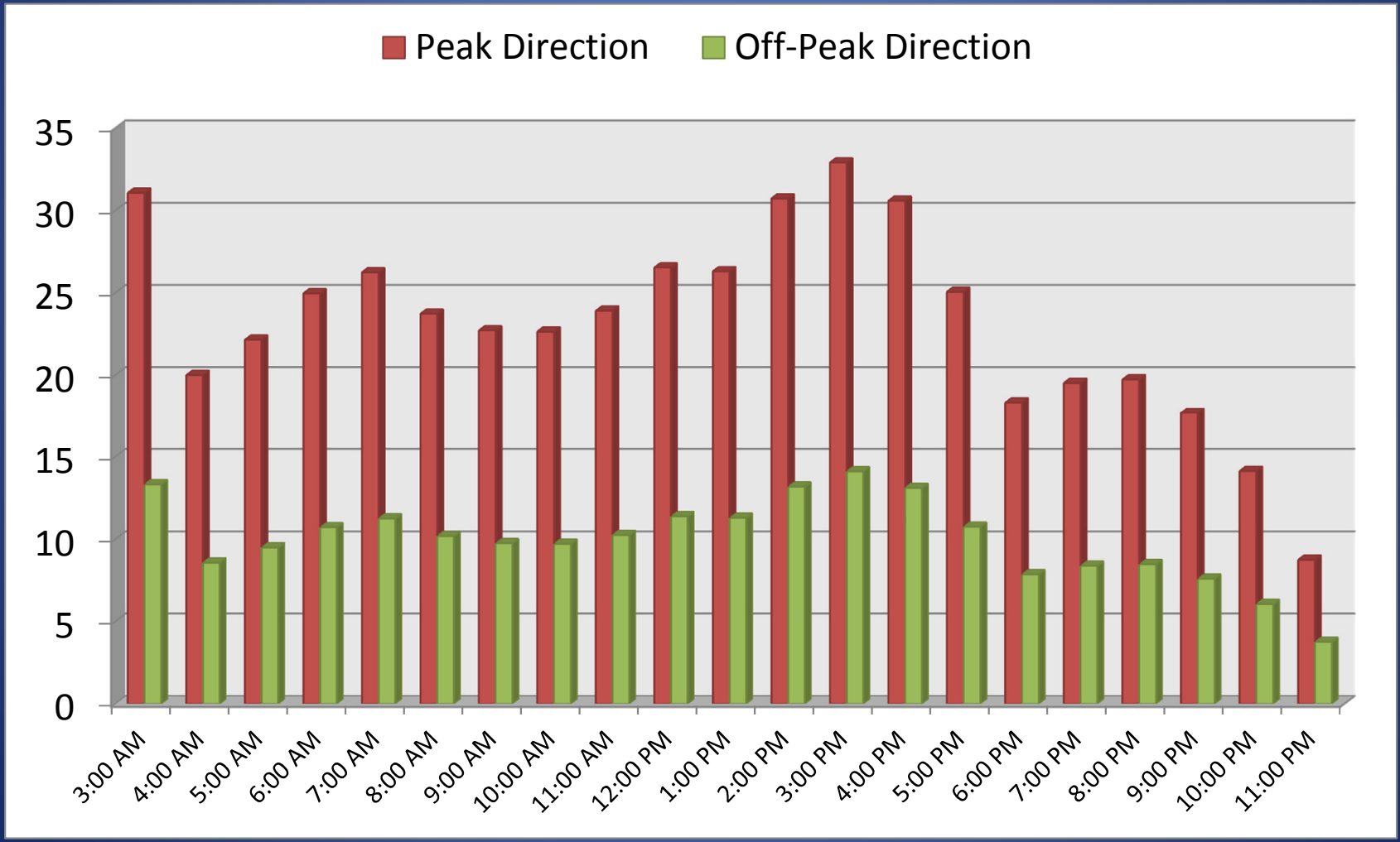


UTA Average Bus Loads - 2010

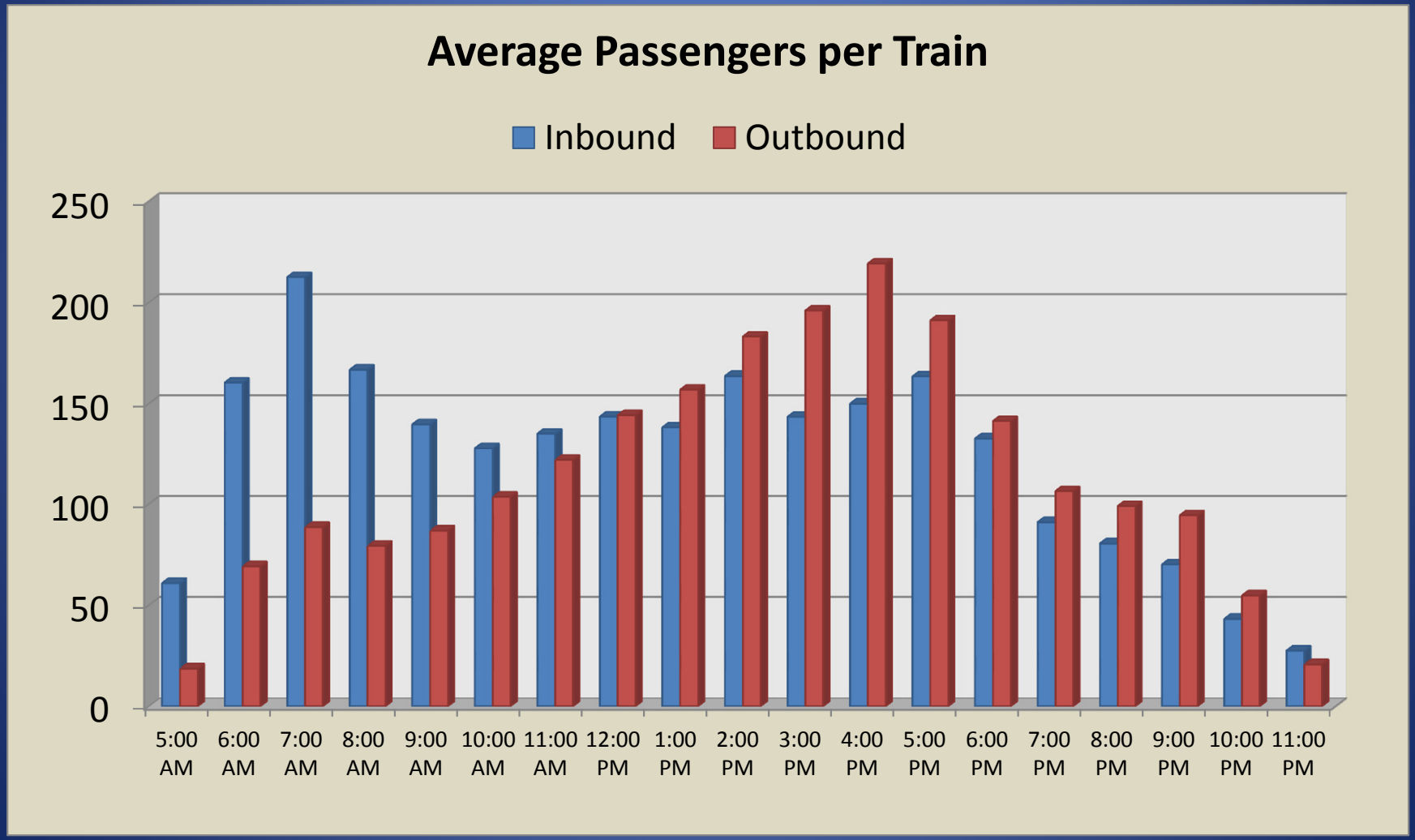


UTA Average Bus Loads – 2010

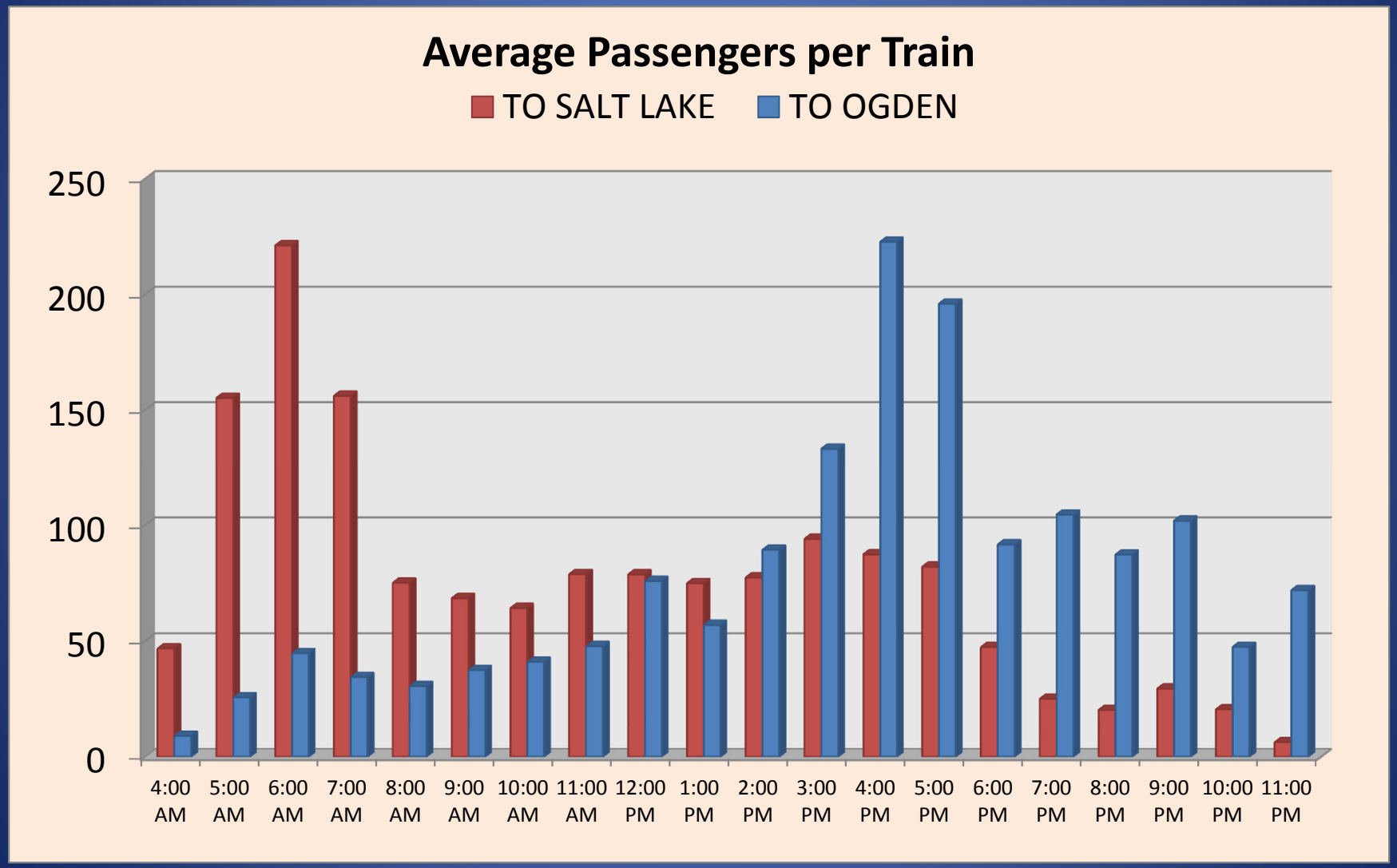
(assume 70/30 directional split)



UTA Hourly TRAX Passengers - 2010



Hourly Front Runner Passengers - 2010



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THE END