

Overnight Truck Parking Survey

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AHTD Investigating Procedures

- Who
- What
- When
- Where
- Why
- How



How the Survey Was Instituted

- 2003 TRB Report: *Dealing with Truck Parking Demands* (NCHRP Synthesis 317)
- 2006 – Truck Parking Survey initiated
- 2007 – Arkansas Law Act 997
- 2012 – Jason’s Law



How the Survey is Conducted

- Teams of 2 to 3 People
- Predetermined Starting Points
- Counting the number of trucks at predetermined locations



Why AHTD Collects Truck Data

- To Document Truck Traffic volume along the Interstate corridors
 - ✓ Parking Patterns
 - ✓ Overpopulated Areas
 - ✓ Illegal Parking / Standing



Why AHTD Still Collects Truck Data

- Jason's Law



Where AHTD Counts & Collects

- Truck Stops
- Rest Areas / Weigh Stations
- Designated & Non-designated Areas



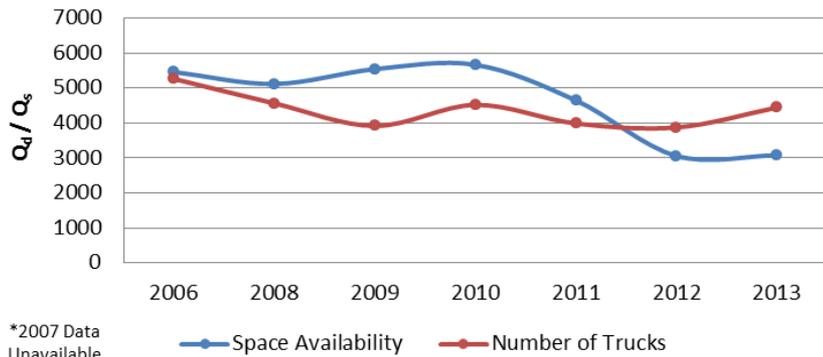
When, What and Who Counts & Collects

- Annual Survey Conducted By SIR Personnel
 - ✓ Number of Trucks
 - ✓ Number of Spaces
 - ✓ Surveys



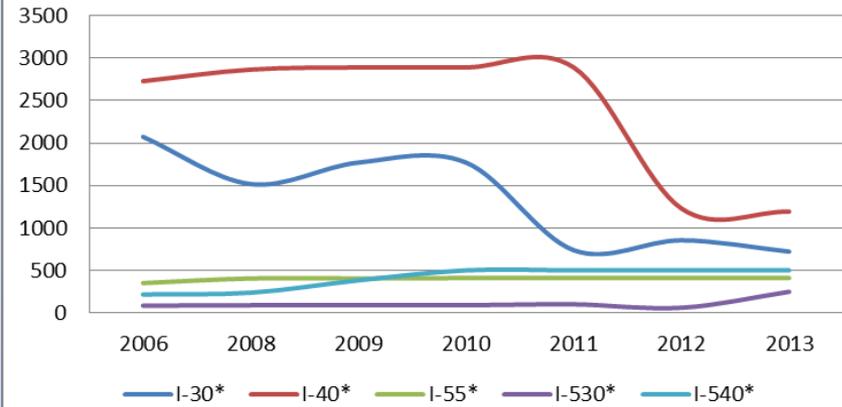
AHTD Research Findings

Annual Survey Averages for Arkansas Interstates*



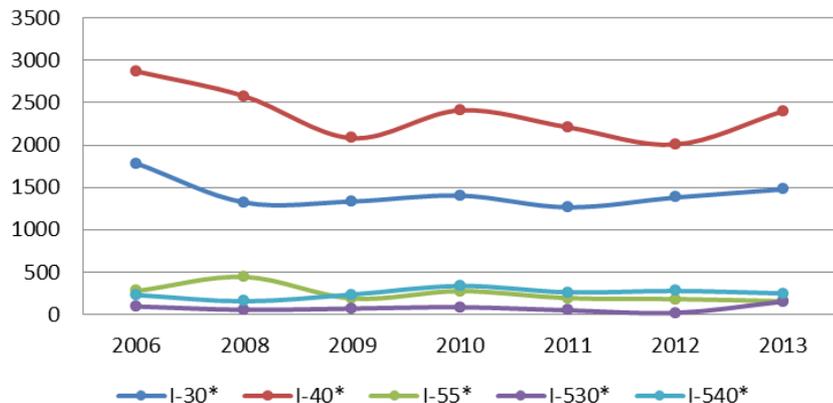
Estimated Space Availability*

*2007 Data Unavailable



Truck Occupancy Totals*

*2007 Data Unavailable



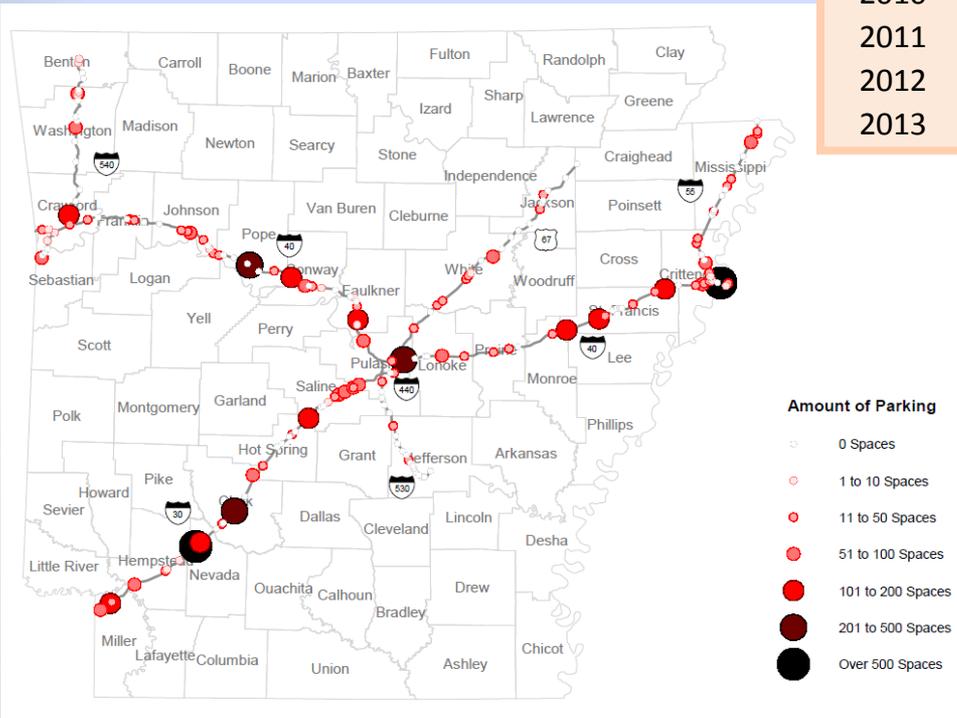
- $Q_d =$
Spaces
- $Q_s =$
Trucks



AHTD Research Findings

Averages for all Arkansas Interstate Highway Surveyed

Year	Available Spaces	% Change	Number of Trucks	Percent Ratio: Capacity (%)	% Change
2006	5456		5259	96.4%	
2008	5116	-6.2%	4558	89.1%	-13.3%
2009	5539	8.3%	3915	70.7%	-14.1%
2010	5662	2.2%	4517	79.8%	15.4%
2011	4641	-18.0%	3984	85.8%	-11.8%
2012	3056	-34.2%	3871	126.7%	-2.8%
2013	3075	0.6%	4441	144.4%	14.7%



Available Parking Spaces by Exit



Supplementary Research

County Business Patterns Comparison Along I-30

County	2006 Total Businesses	2007 Total Businesses	2008 Total Businesses	2009 Total Businesses	2010 Total Businesses	2011 Total Businesses	2012 Total Businesses	County Gain / Loss
Pulaski, AR	12251	12428	12273	12162	12125	12007	12003	-248
Saline, AR	1697	1822	1843	1801	1769	1745	1812	115
Hot Spring, AR	515	527	513	523	501	485	476	-39
Clark, AR	571	557	550	525	513	497	494	-77
Nevada, AR	141	142	136	134	136	126	129	-12
Hempstead, AR	425	420	417	407	399	394	386	-39
Miller, AR	758	745	730	710	717	713	721	-37
Annual Totals	16358	16641	16462	16262	16160	15967	16021	-337
Annual Gain / Loss	NA	283	-179	-200	-102	-193	54	-337

County Business Patterns Comparison Along I-40

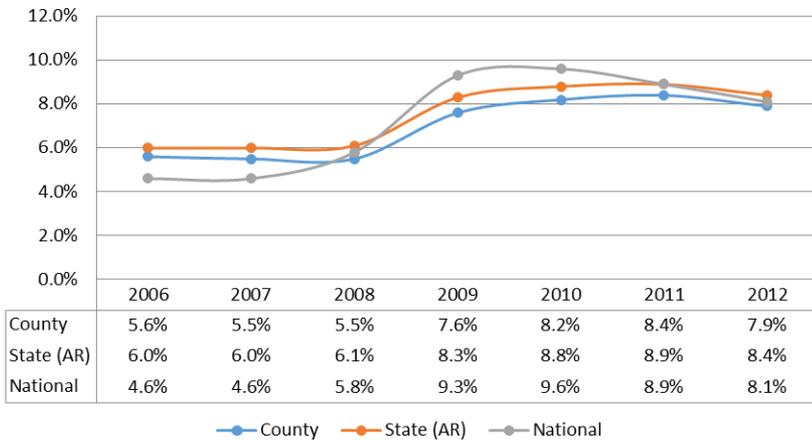
County	2006 Total Businesses	2007 Total Businesses	2008 Total Businesses	2009 Total Businesses	2010 Total Businesses	2011 Total Businesses	2012 Total Businesses	County Gain / Loss
Crittenden, AR	921	921	894	880	872	842	833	-88
St. Francis, AR	515	525	497	486	479	479	469	-46
Monroe, AR	204	201	199	195	203	187	196	-8
Prairie, AR	167	181	169	167	164	154	152	-15
Lonoke, AR	1067	1046	1035	1013	1001	987	1005	-62
Pulaski, AR	12251	12428	12273	12162	12125	12007	12003	-248
Faulkner, AR	2207	2324	2329	2309	2327	2372	2418	211
Conway, AR	409	438	429	416	410	411	414	5
Pope, AR	1540	1563	1544	1509	1527	1505	1523	-17
Johnson, AR	398	404	396	380	386	387	391	-7
Franklin, AR	280	286	279	279	276	268	279	-1
Crawford, AR	1035	1108	1085	1071	1104	1080	1069	34
Annual Totals	20994	21425	21129	20867	20874	20679	20752	-242
Annual Gain / Loss	NA	431	-296	-262	7	-195	73	-242

- Arkansas Census Data
- Tracking Annual Economy by County (AR)

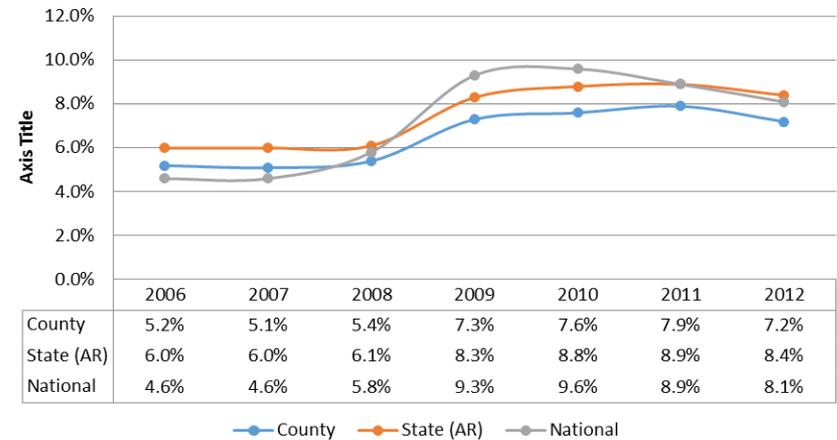


Supplementary Research

Annual Unemployment Rate Along Interstate I-40



Annual Unemployment Rate Along Interstate I-30



- Possible Correlation between Available Truck Parking and Local Economy
- Ongoing Research Report Available



Questions



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