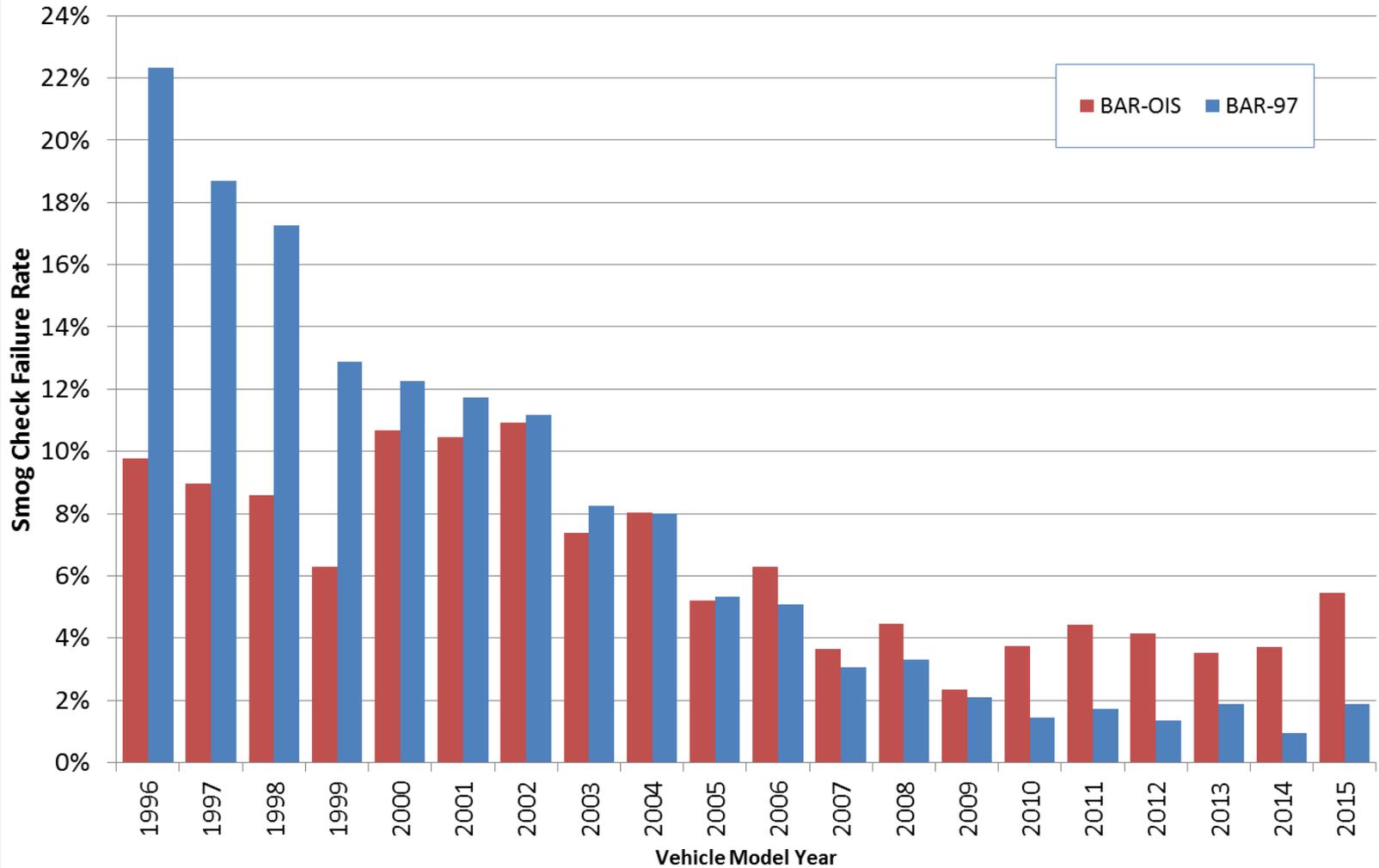


Department of Consumer Affairs
Bureau of Automotive Repair

BAR-97 and OIS Fail Rates and Inspection Volume

*Paul Hedglin
BAR Engineering
BAR Advisory Group Meeting
July 23, 2015*

Smog Check Failure Rates: BAR-OIS vs. BAR-97 January through April, 2015



OBD Pass/Fail Criteria

Current Readiness Monitor Limits

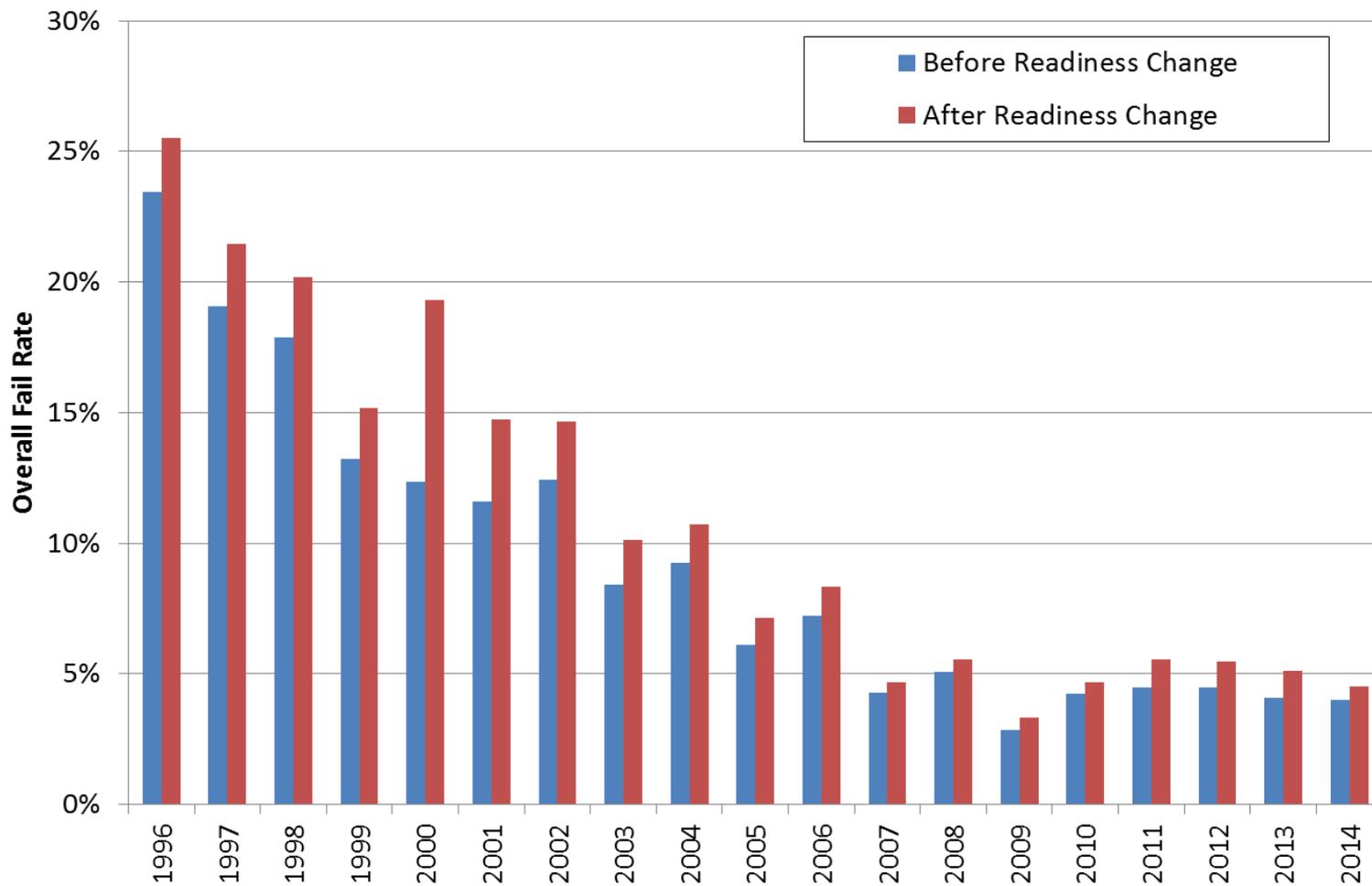
Implemented May 4, 2015

- Gasoline powered:
 - One incomplete monitor allowed for 1996 to 1999
 - Only incomplete evaporative monitor allowed for 2000 and newer
- Diesel powered:
 - Zero incomplete monitors allowed for 1998 to 2006
 - Any two incomplete monitors allowed for 2007 and newer

Effect of OBD II Readiness Monitor Rules Change

Change in Overall Fail Rate - 3/9/2015 to 5/27/2015

Change Implemented 5/4/2015



Active Smog Check Stations Q2, 2015

Station	Test and Repair	Test Only	All
STAR	2330	1854	4184
Non-STAR	2722	341	3063
Total	5052	2195	7247

* Includes Referee (as Test Only) and government fleets (as Test and Repair)

**Average Number of Inspections Per Station
Q2, 2015**

	Test and Repair		Test Only		All	
Station	B97 Tests	OIS Tests	B97 Tests	OIS Tests	Total B97	Total OIS
STAR	119	273	290	593	195	415
Non-STAR	40	171	72	240	43	179
Total	76	218	256	539	131	315

**Percent of Total OIS Inspections by Station Type
Q2, 2015**

Station	Test and Repair	Test Only	All
STAR	28%	48%	76%
Non-STAR	20%	4%	24%
Total	48%	52%	100%

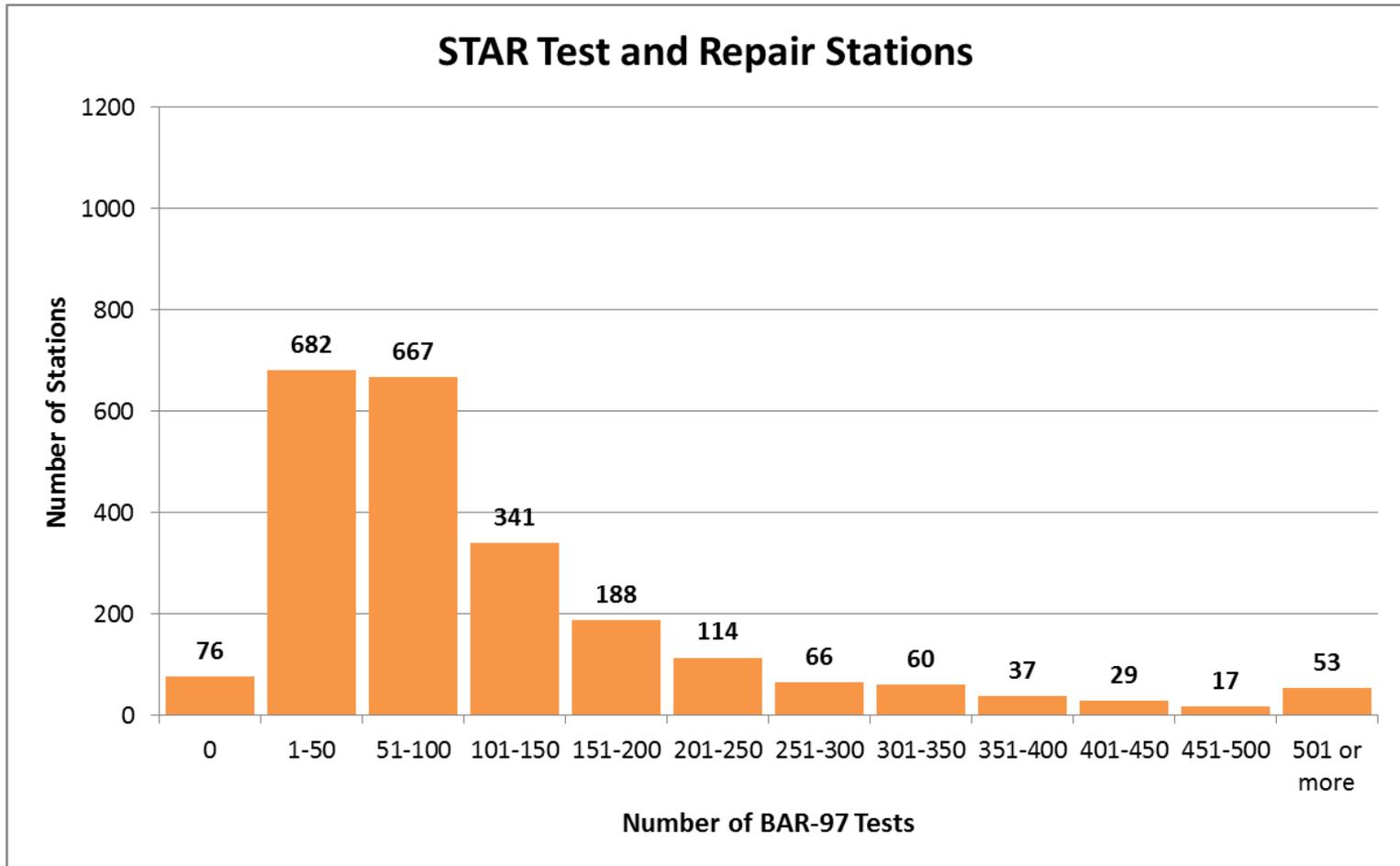
**Percent of Total BAR-97 Inspections by Station Type
Q2, 2015**

Station	Test and Repair	Test Only	All
STAR	29%	57%	86%
Non-STAR	11%	3%	14%
Total	41%	59%	100%

Distribution of Inspection Volume

BAR-97 Inspections

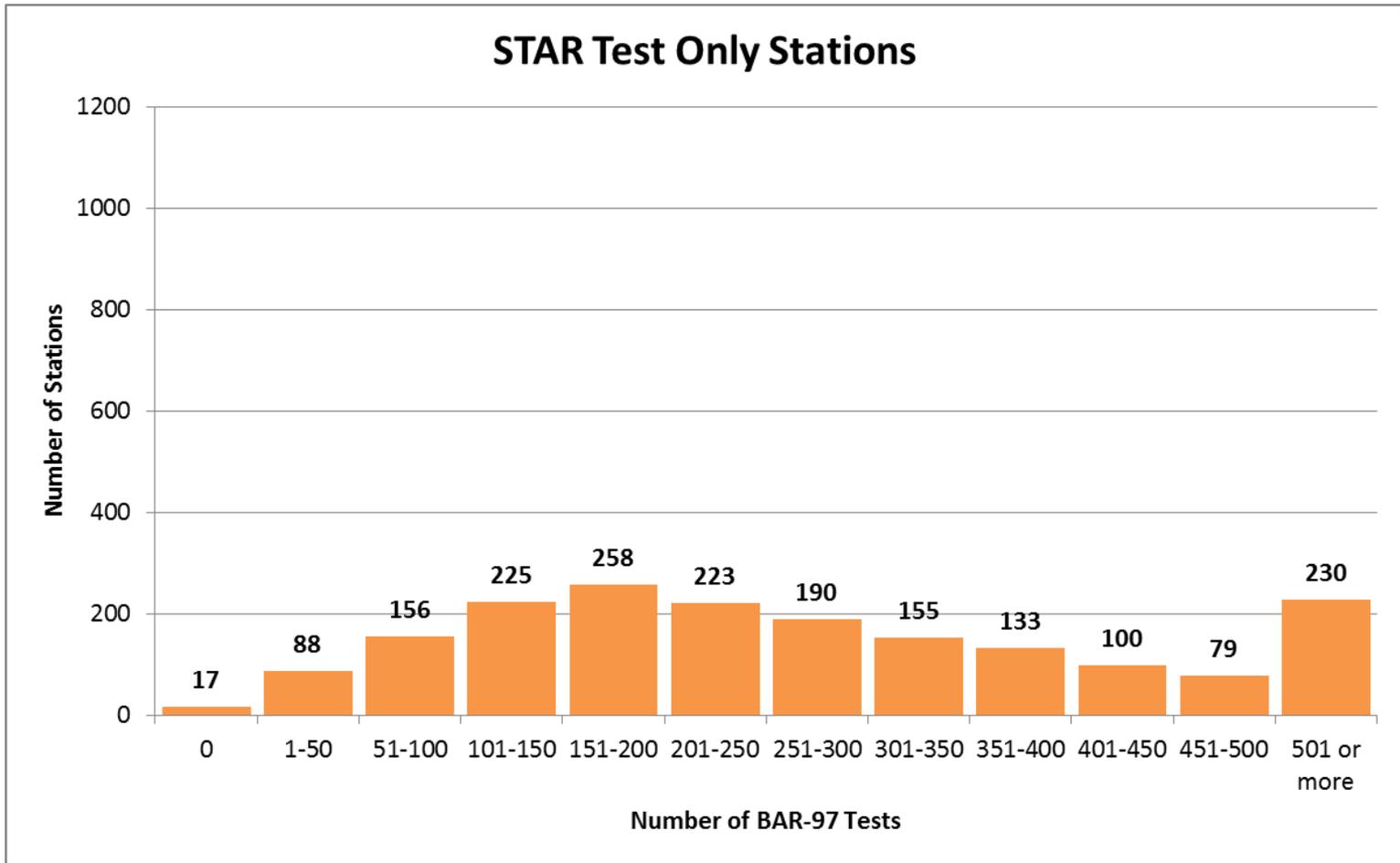
Q2, 2015



Distribution of Inspection Volume

BAR-97 Inspections

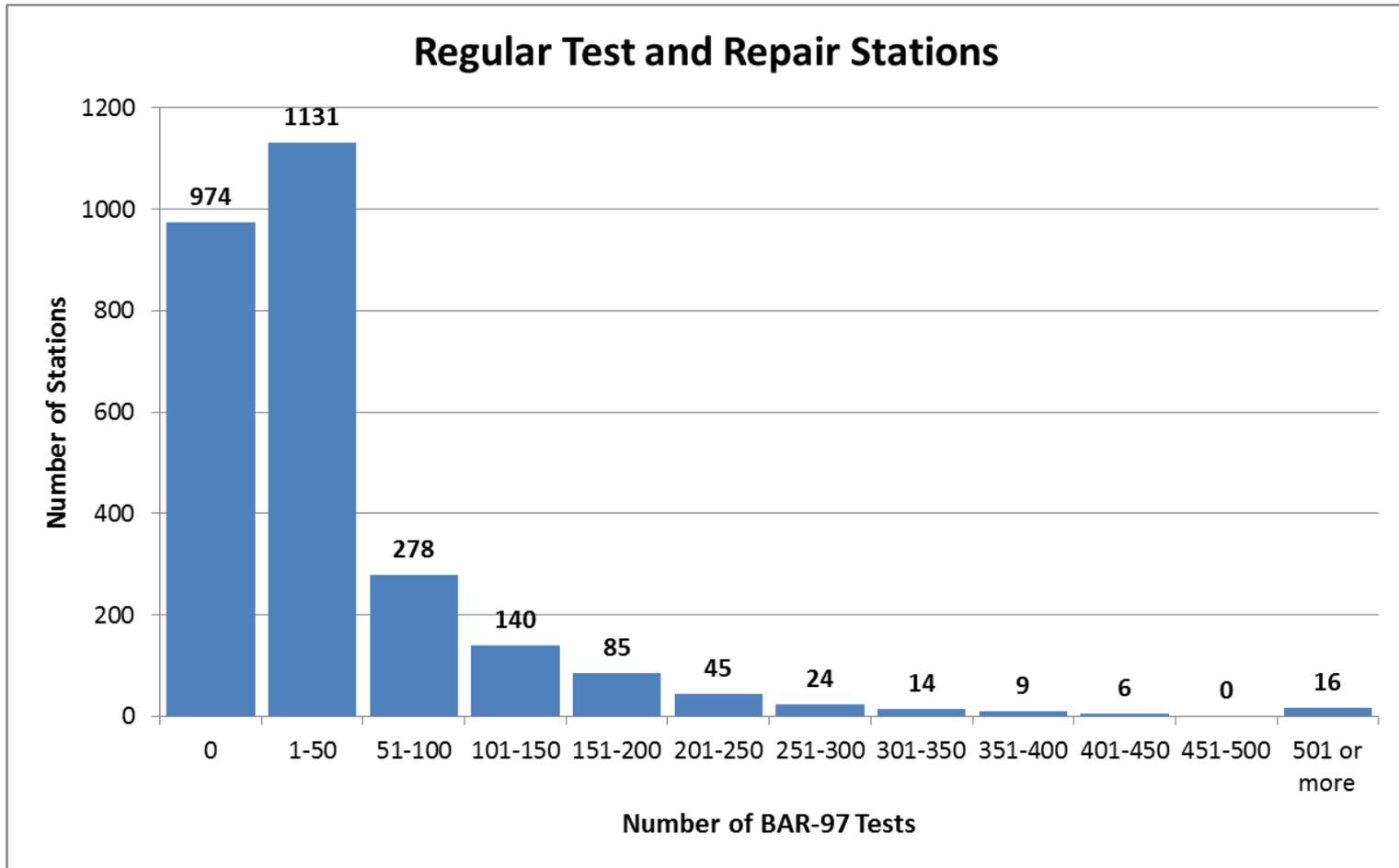
Q2, 2015



Distribution of Inspection Volume

BAR-97 Inspections

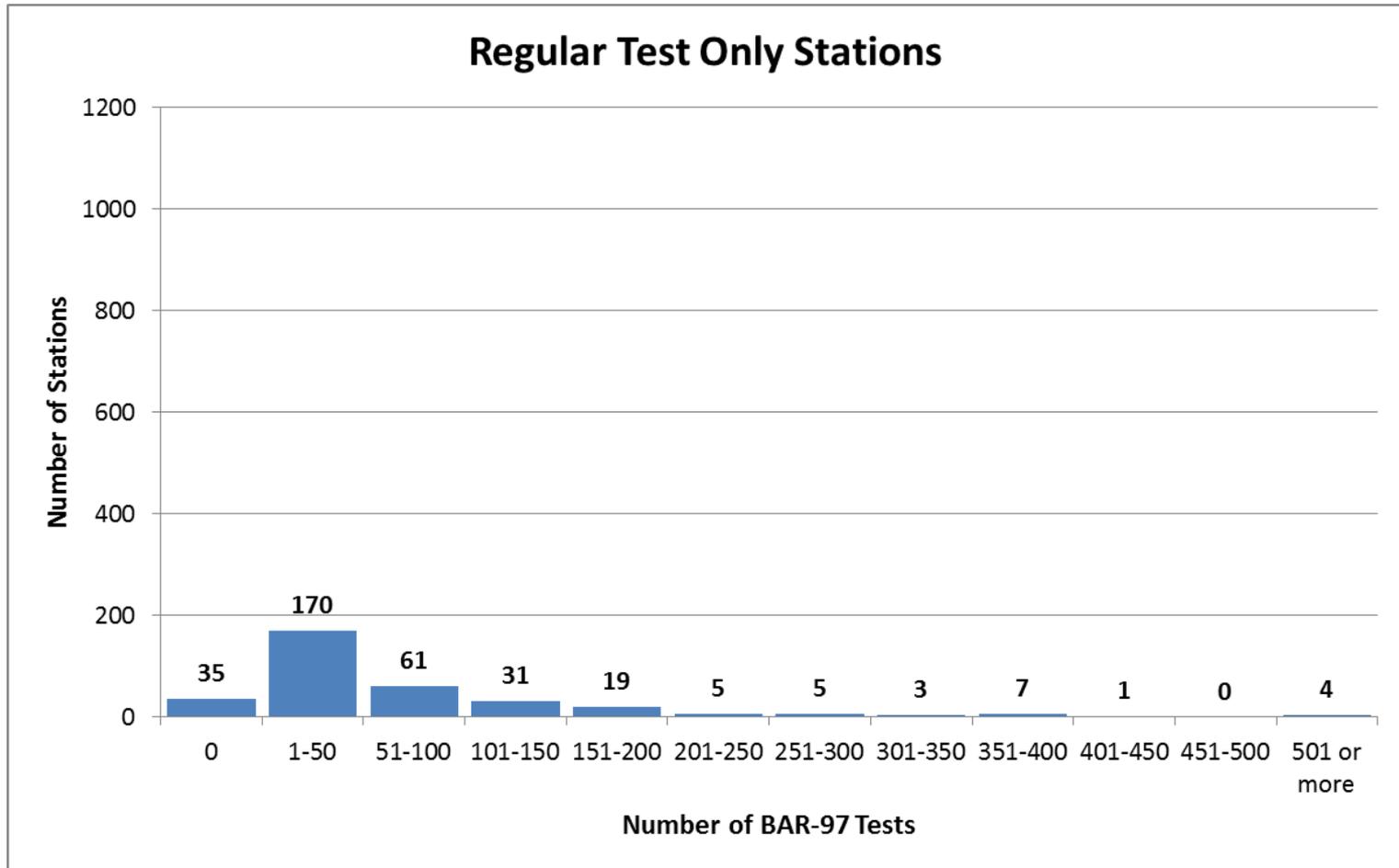
Q2, 2015



Distribution of Inspection Volume

BAR-97 Inspections

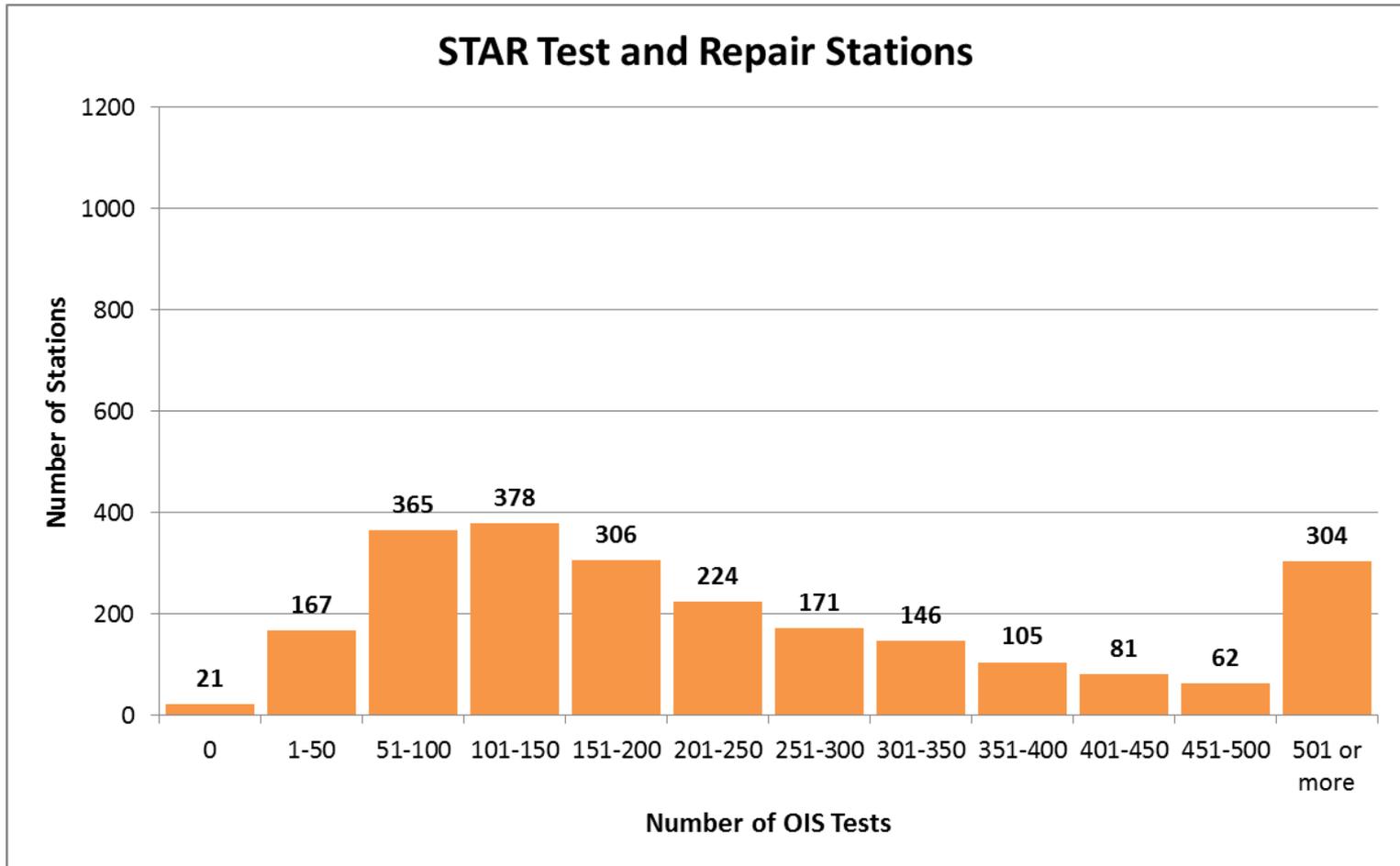
Q2, 2015



Distribution of Inspection Volume

OIS Inspections

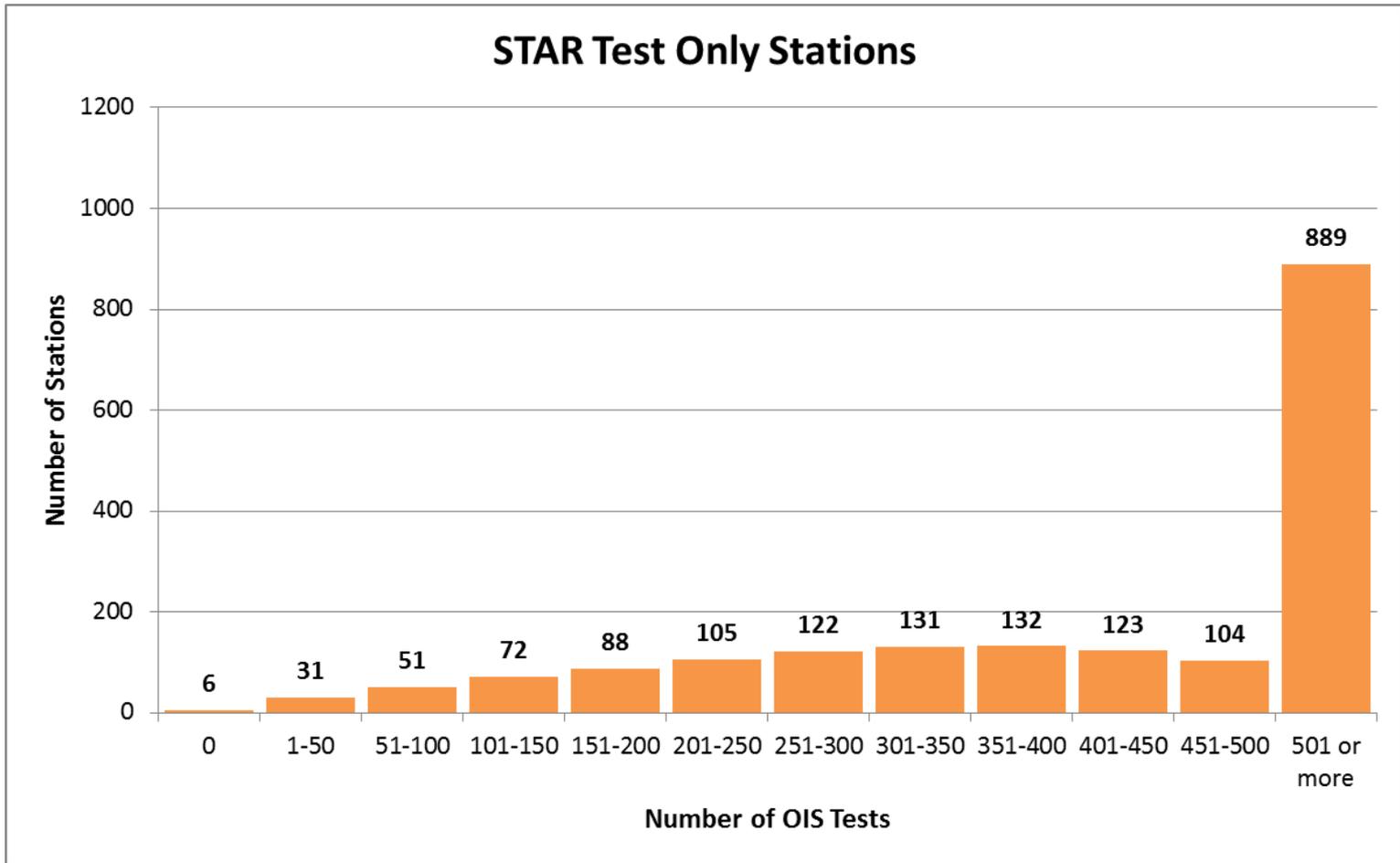
Q2, 2015



Distribution of Inspection Volume

OIS Inspections

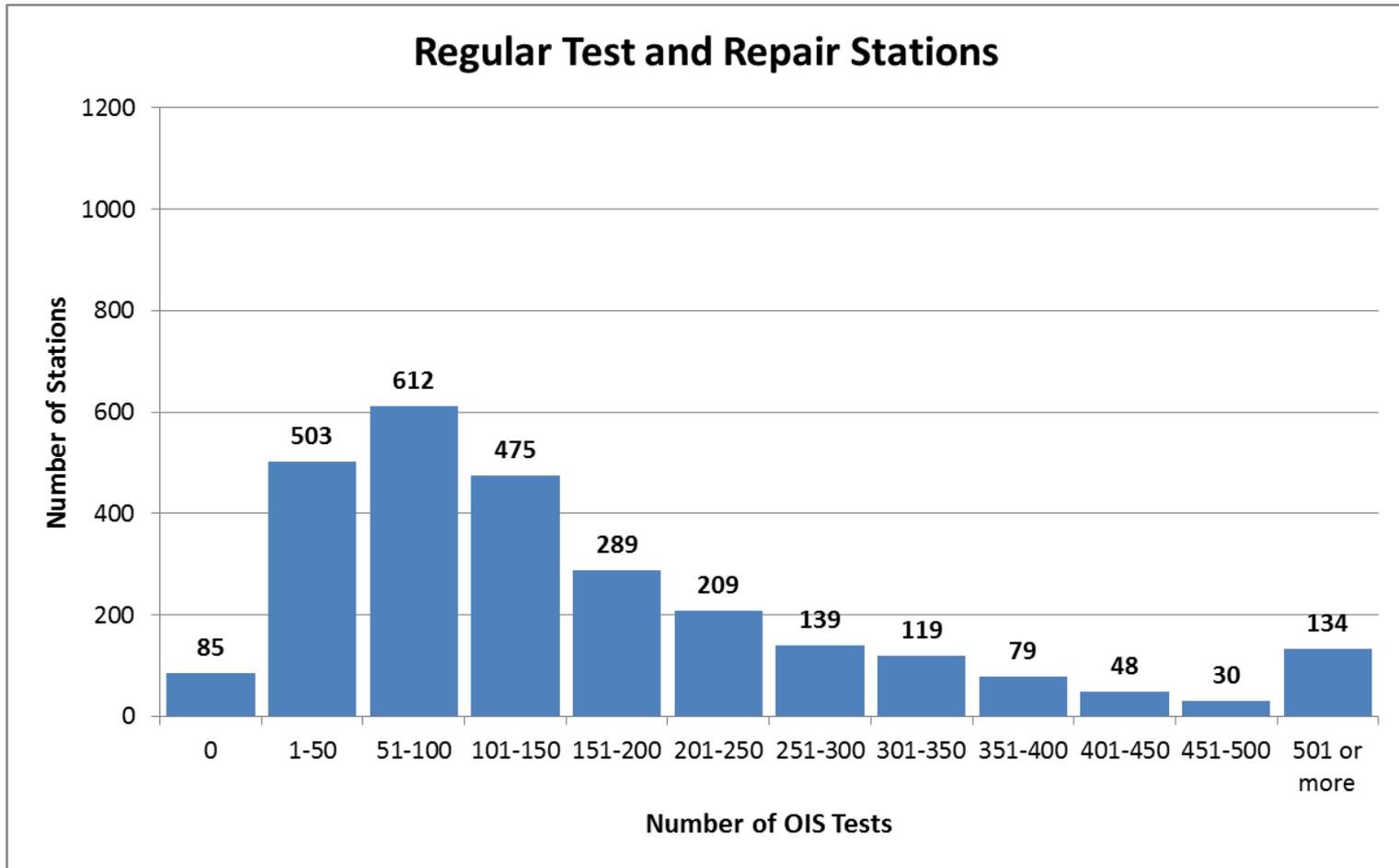
Q2, 2015



Distribution of Inspection Volume

OIS Inspections

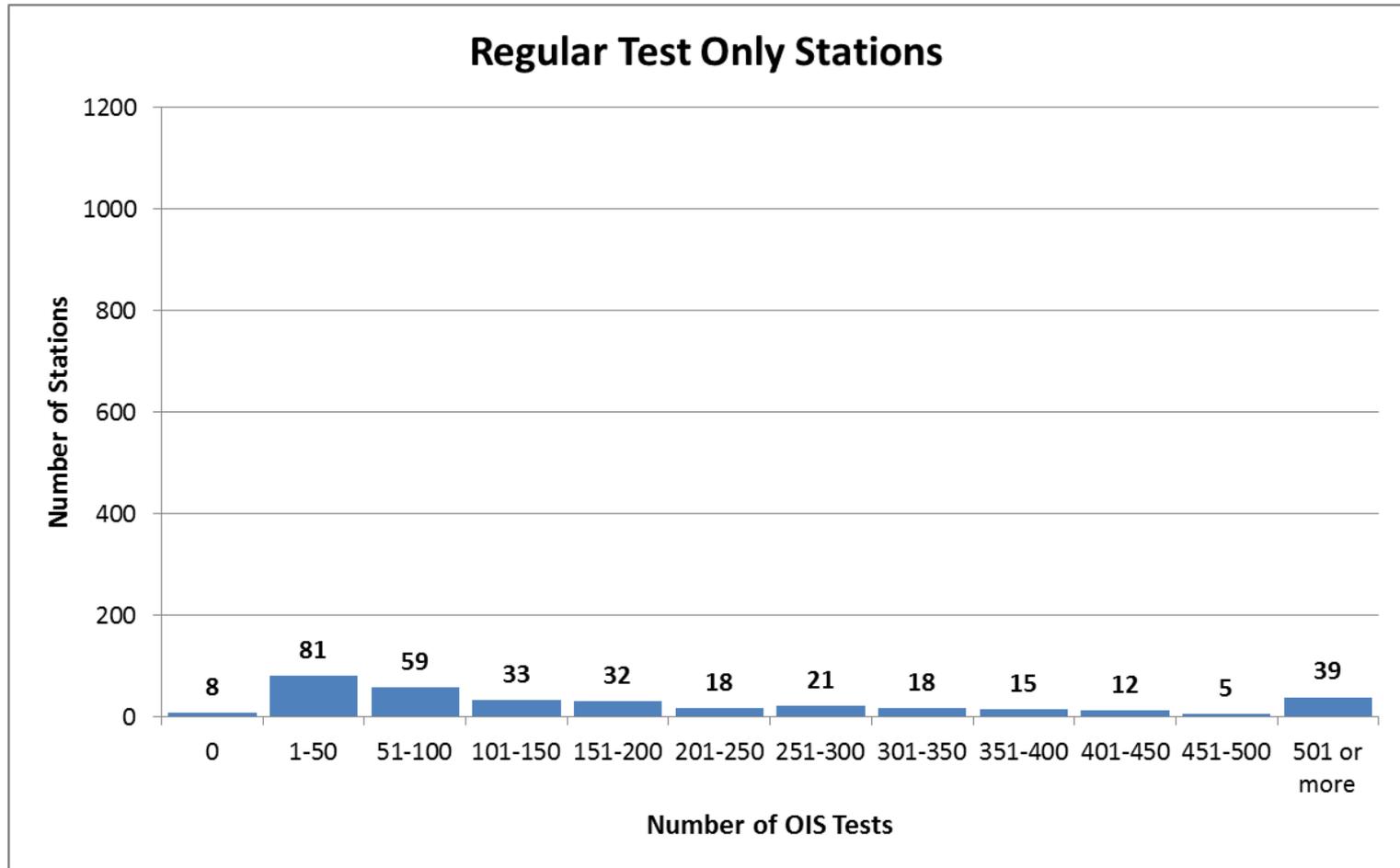
Q2, 2015



Distribution of Inspection Volume

OIS Inspections

Q2, 2015



Questions and Comments

- Submit additional questions and/or comments to:
- Paul Hedglin
- Bureau of Automotive Repair
- 10949 N. Mather Boulevard
- Rancho Cordova, CA 95670
- Phone: (916) 403-0315
- Fax: (916) 464-3425
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