

Oregon Vehicle Inspection Program

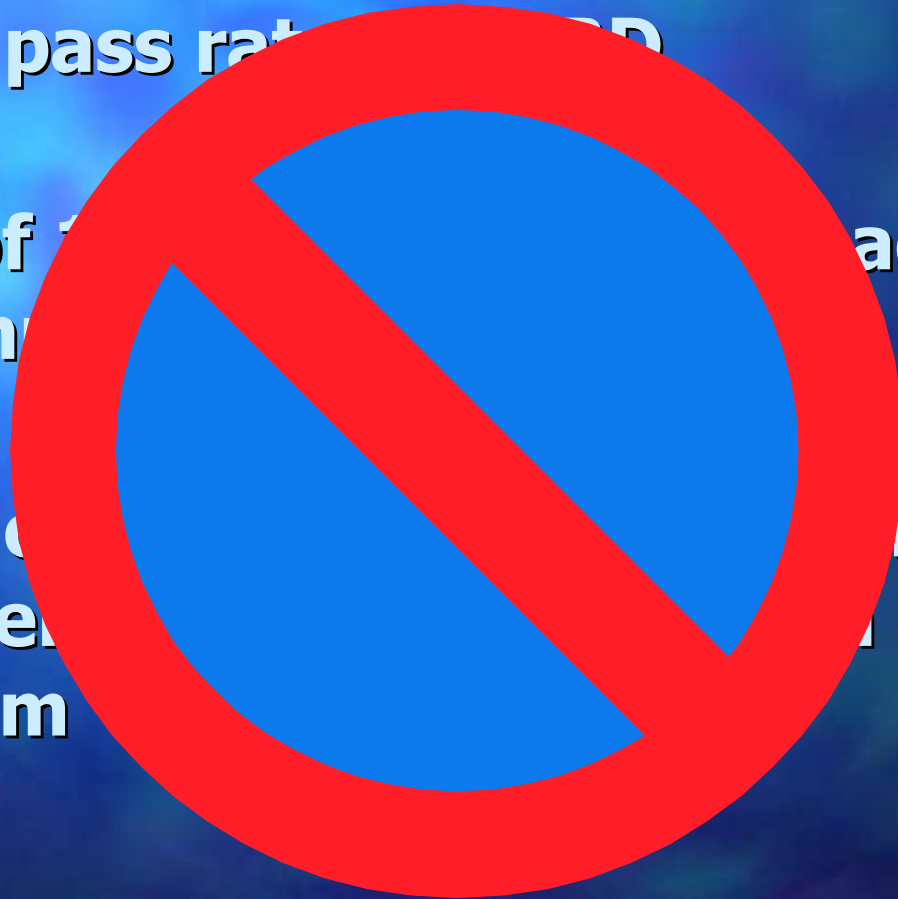
Decisions & Statistics

Ted Kotsakis - Presenter



TRUE STATISTICS FOR OREGON

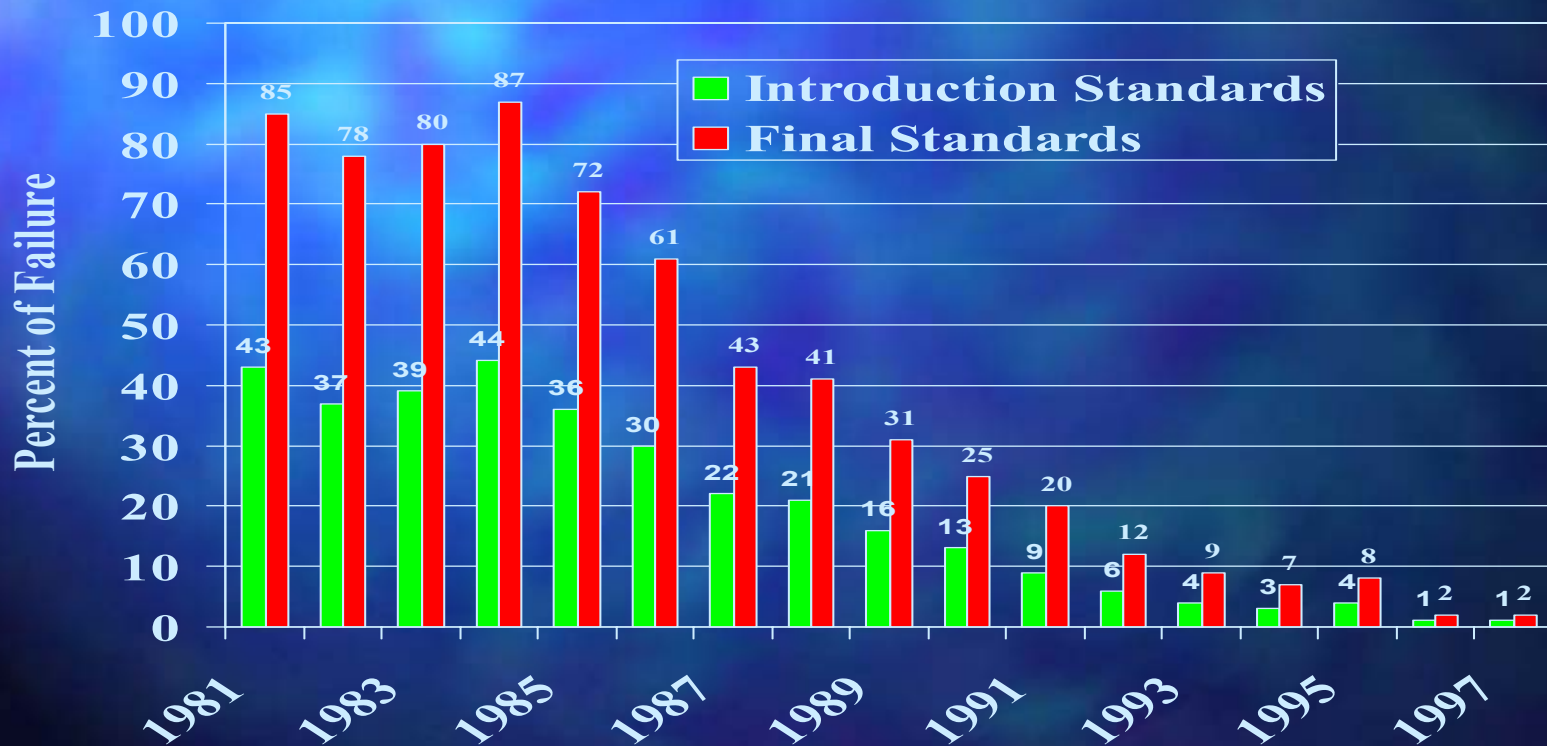
- 100% pass rate on the "ready" first time the
 - 98% of the
 - 100% of their ver program
- maintain I/M



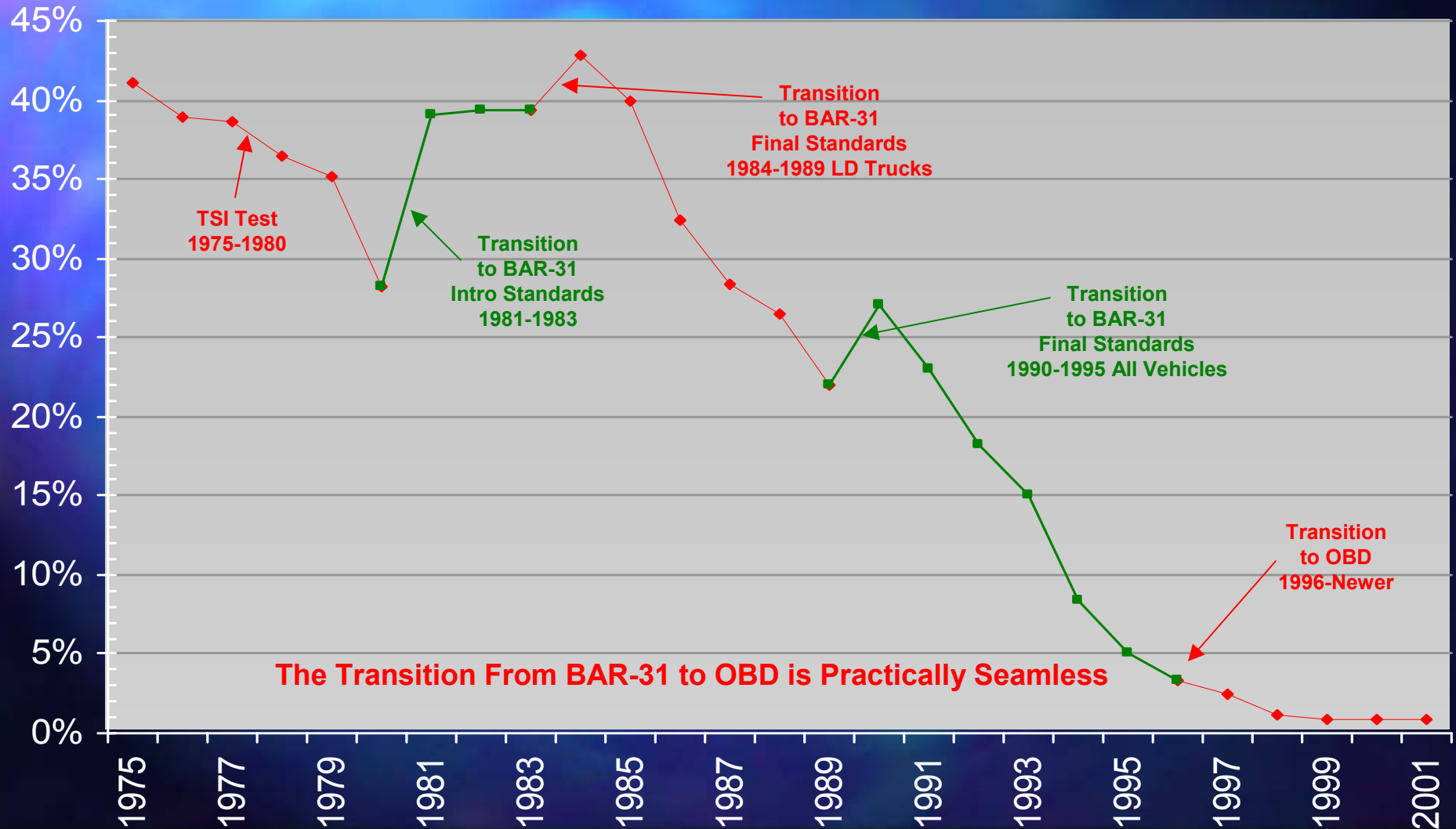
FAILURE RATE BY MODEL YEAR

INTRODUCTION STANDARDS/FINAL STANDARDS

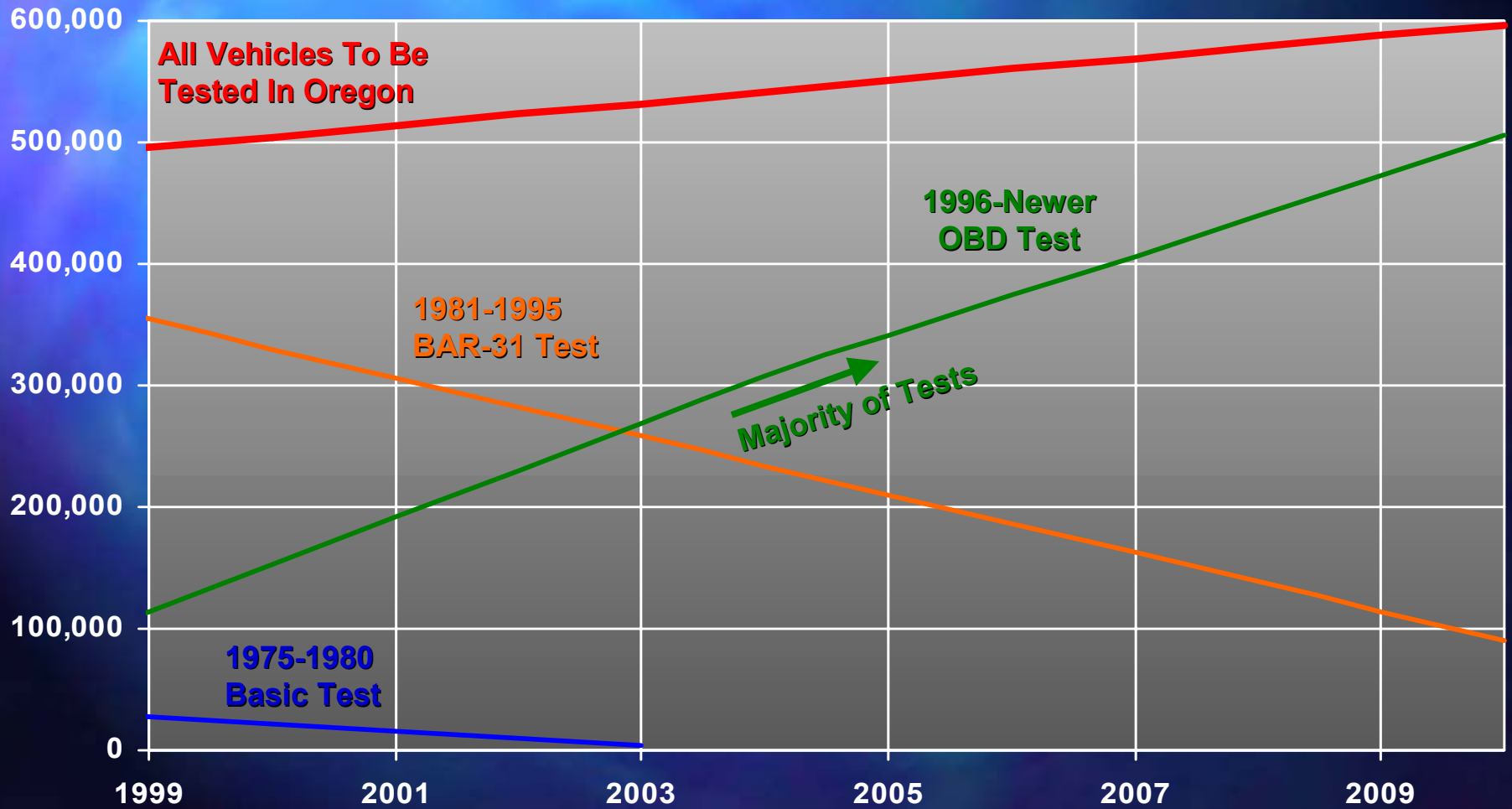
Failure By Model Year



What is Oregon's Failure Rate vs Model Year and Test Type?

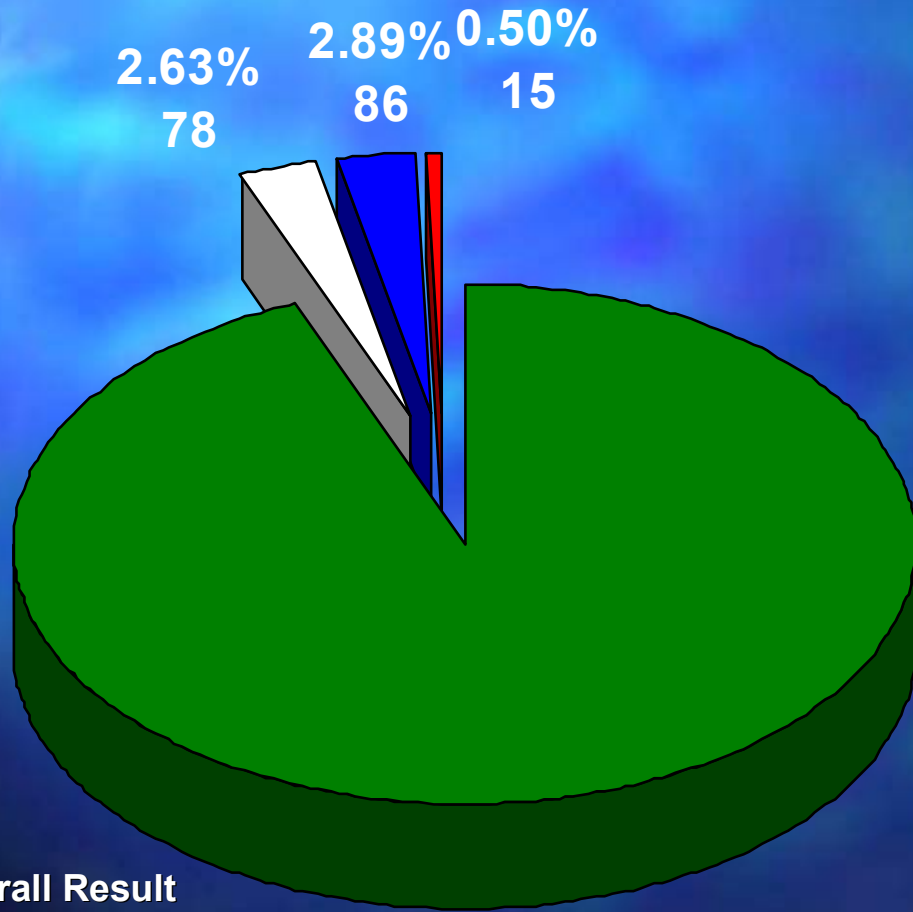


What Is Oregon's Vehicle Model Year Population Trend?



How Does Oregon's OBD Test Compare to its BAR-31 Test?

(Jan 14 - Jan 19) 2002
 2,972 Vehicles Tested
 Four Phase BAR-31 Test



■	Pass	BAR-31	Pass	OBD
■	Fail	BAR-31	Pass	OBD
■	Pass	BAR-31	Fail	OBD
■	Fail	BAR-31	Fail	OBD

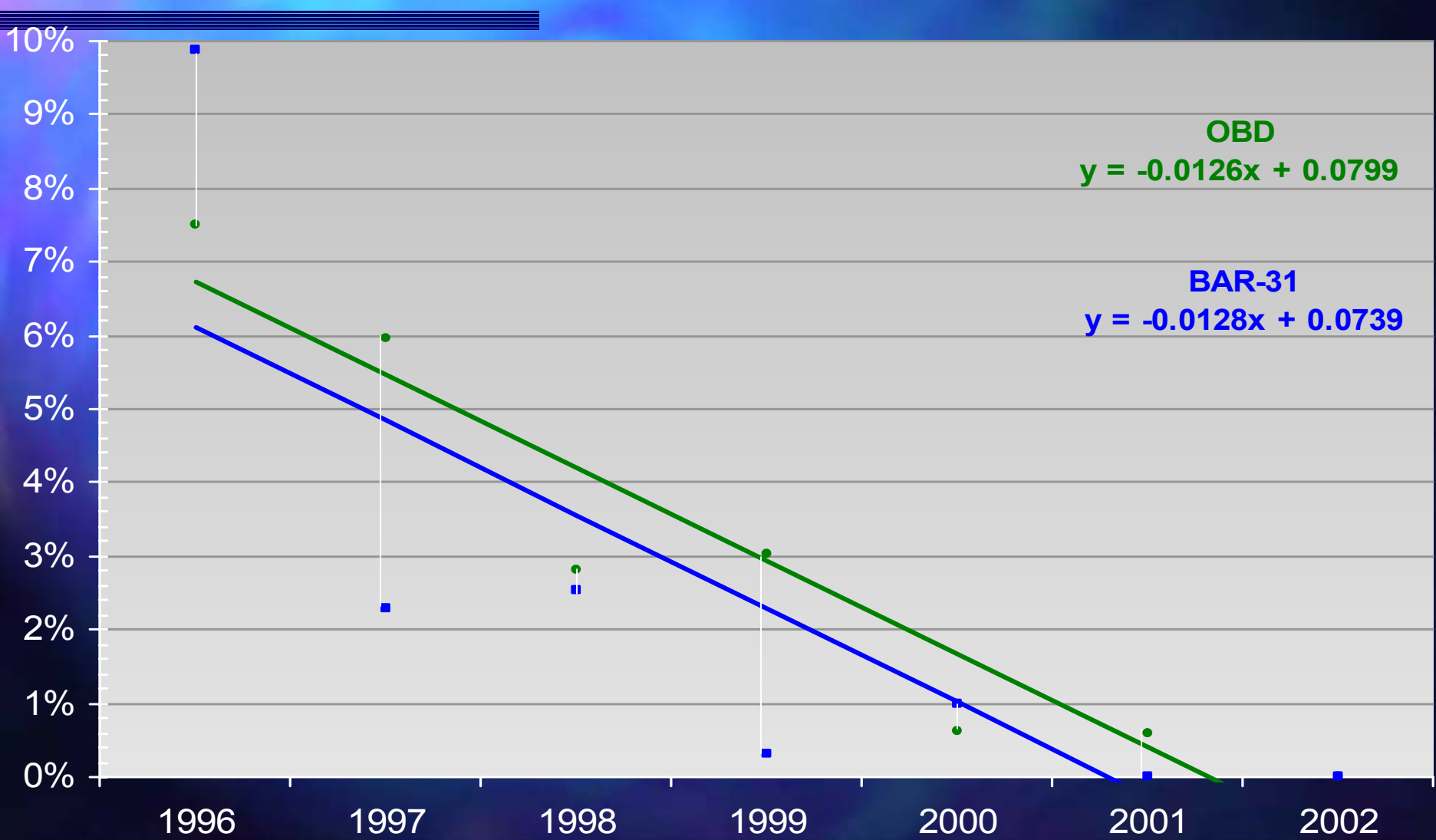
Model Years

1996 = 587
 1997 = 353
 1998 = 710
 1999 = 331
 2000 = 813
 2001 = 167
 2002 = 11

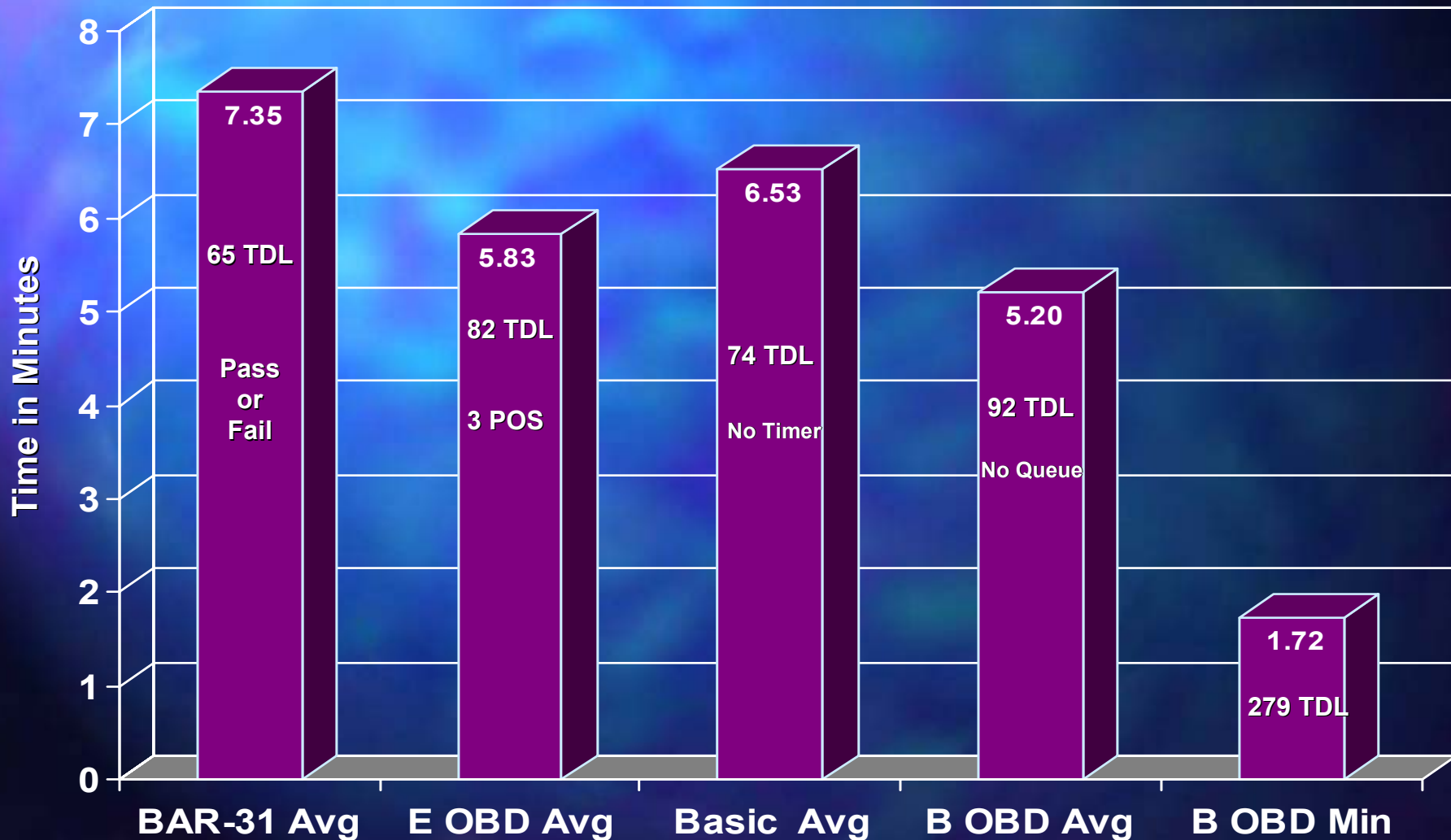
Overall Result
 Fail BAR-31 = 93 or 3.13%
 Fail OBD = 101 or 3.40%

93.98%
2,793

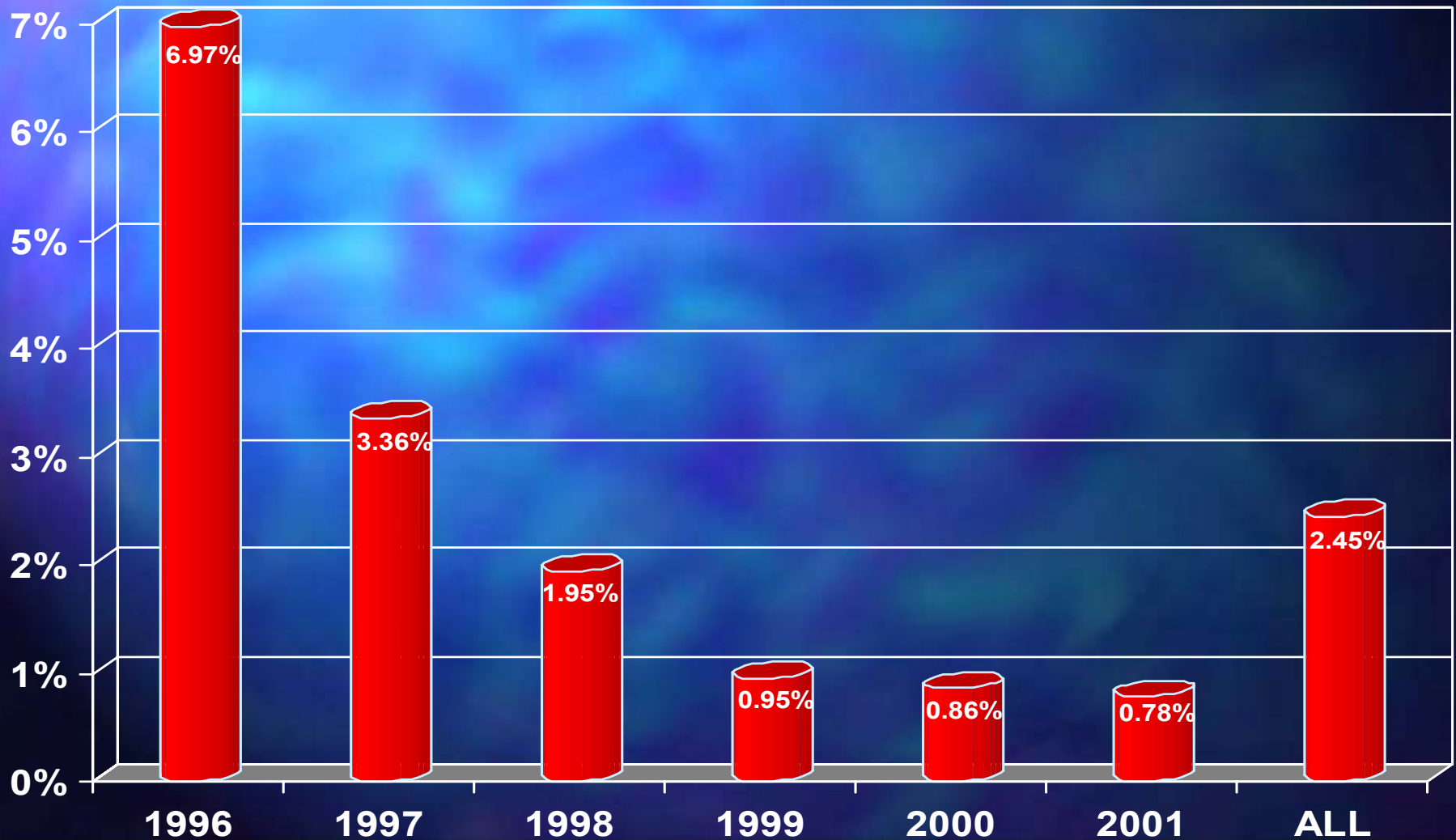
How Does the OBD Failure Trend Compare to the BAR-31 Failure Trend?



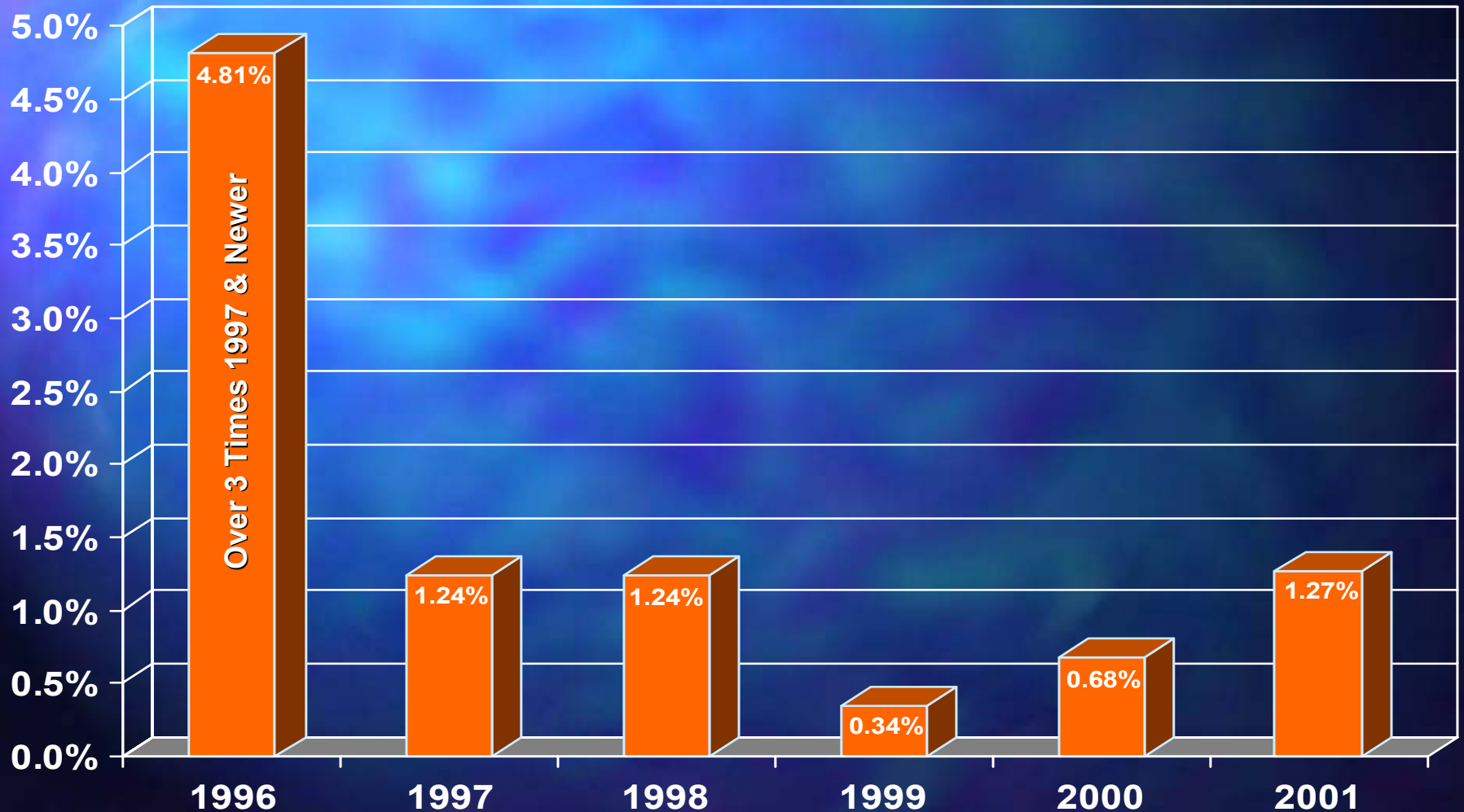
How do Oregon's OBD Test Times Compare to Emission Test Times?



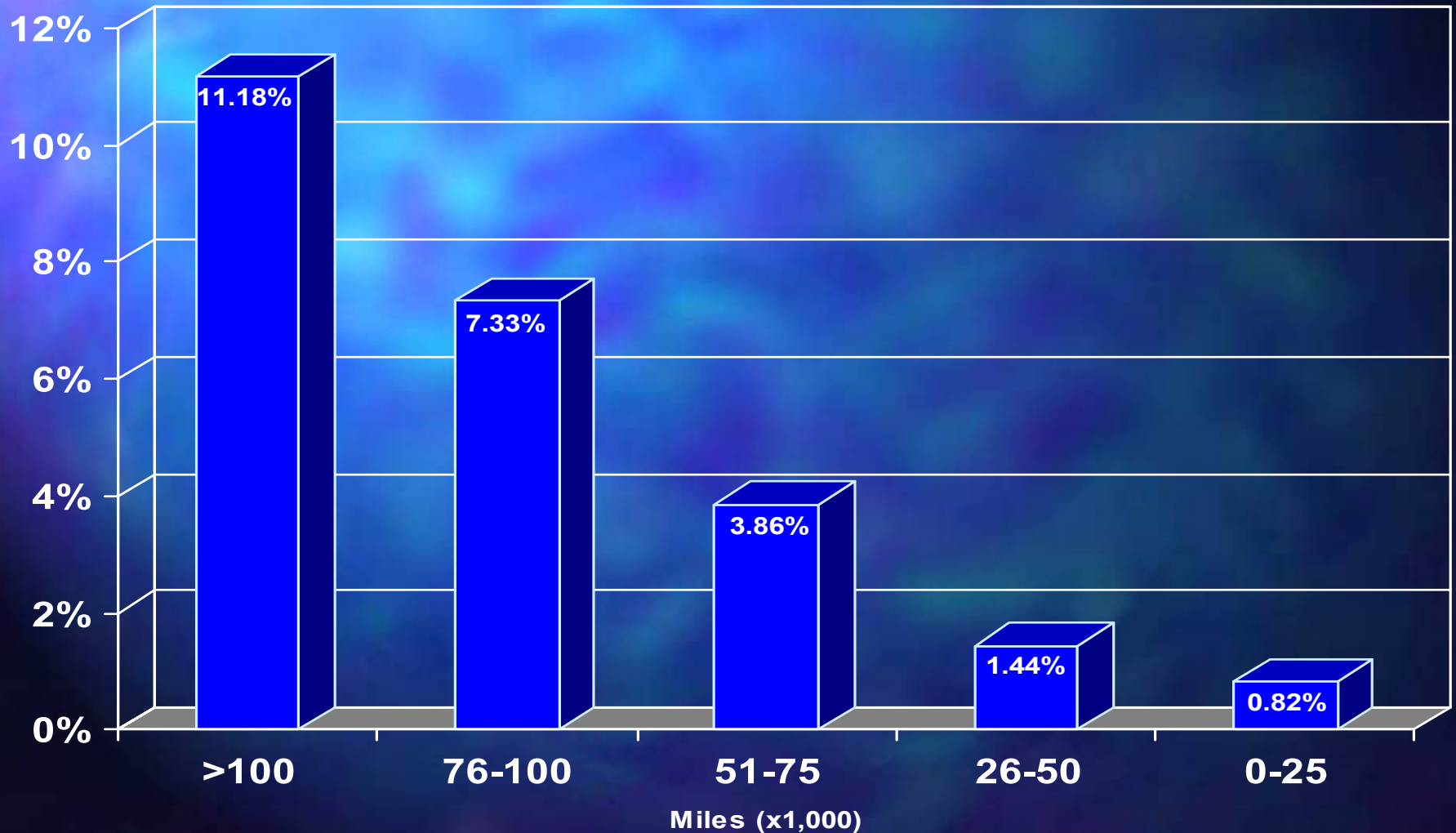
What is Oregon's OBD Fail Rate by Model Year?



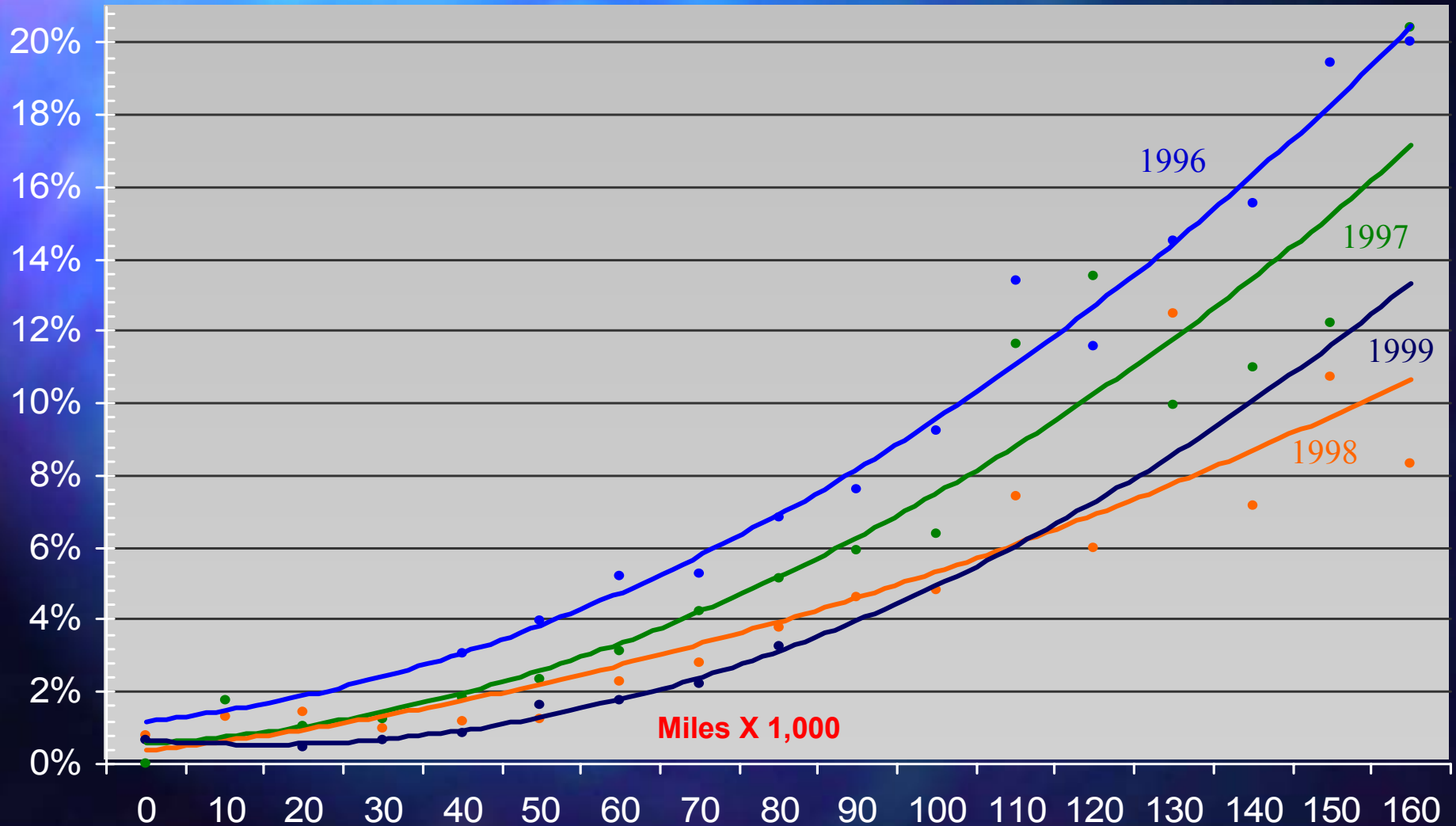
What is Oregon's OBD Not-Ready Rate by Model Year?



What is Oregon's OBD MIL Rate by Vehicle Mileage?

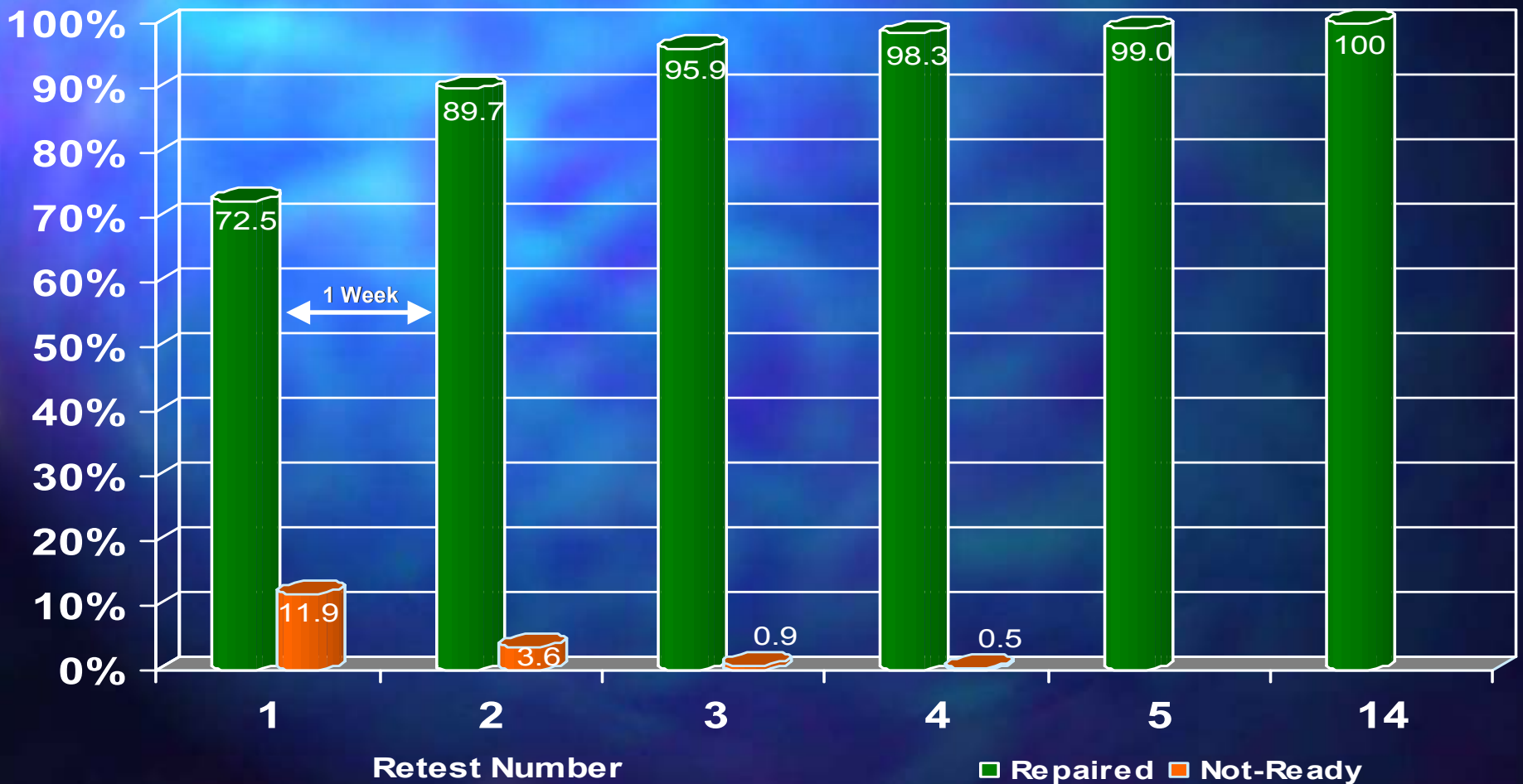


What is Oregon's OBD MIL Rate vs Mileage and Model Year?

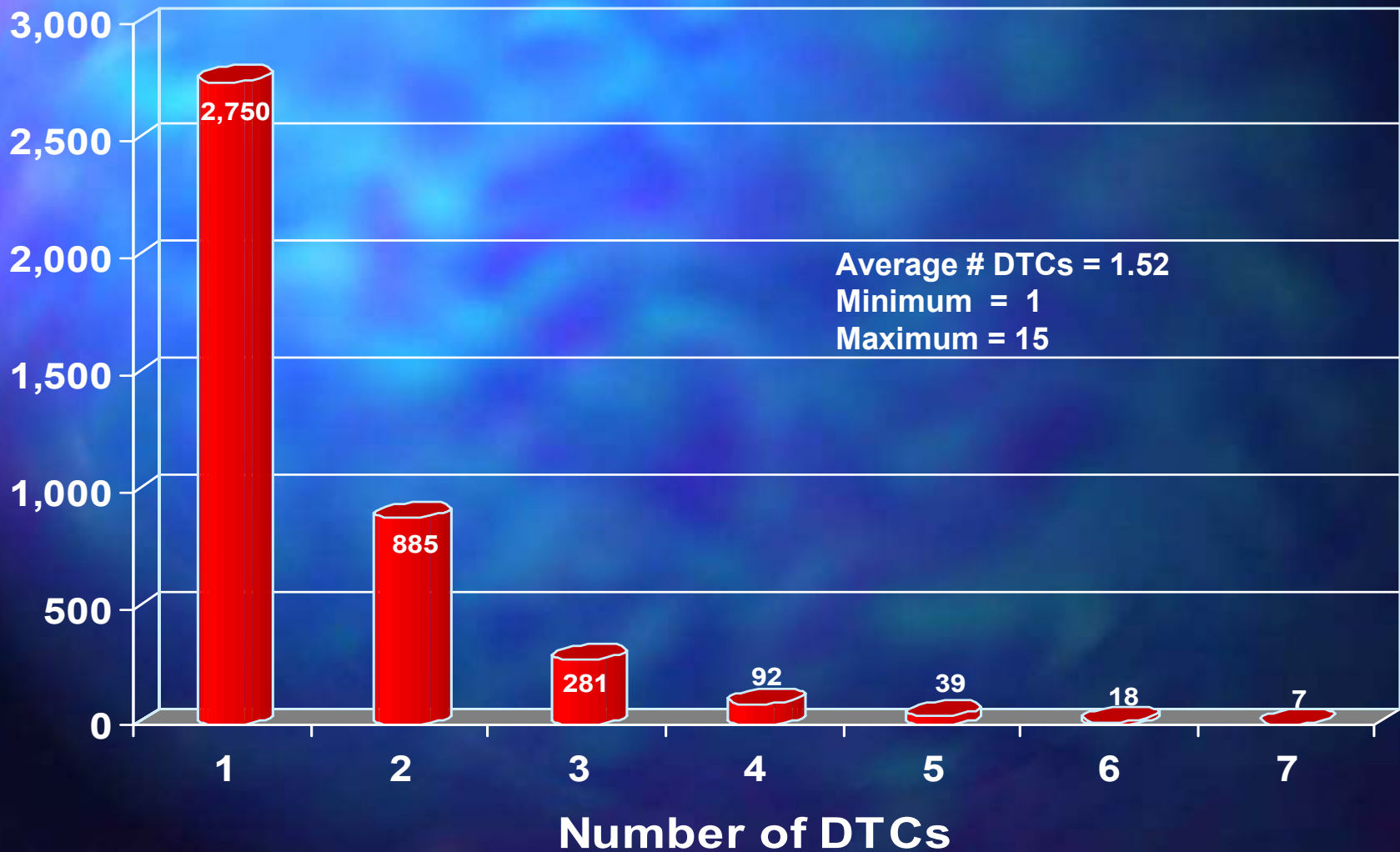


What is Oregon's MIL Repair Effectiveness & Not-Ready Rate?

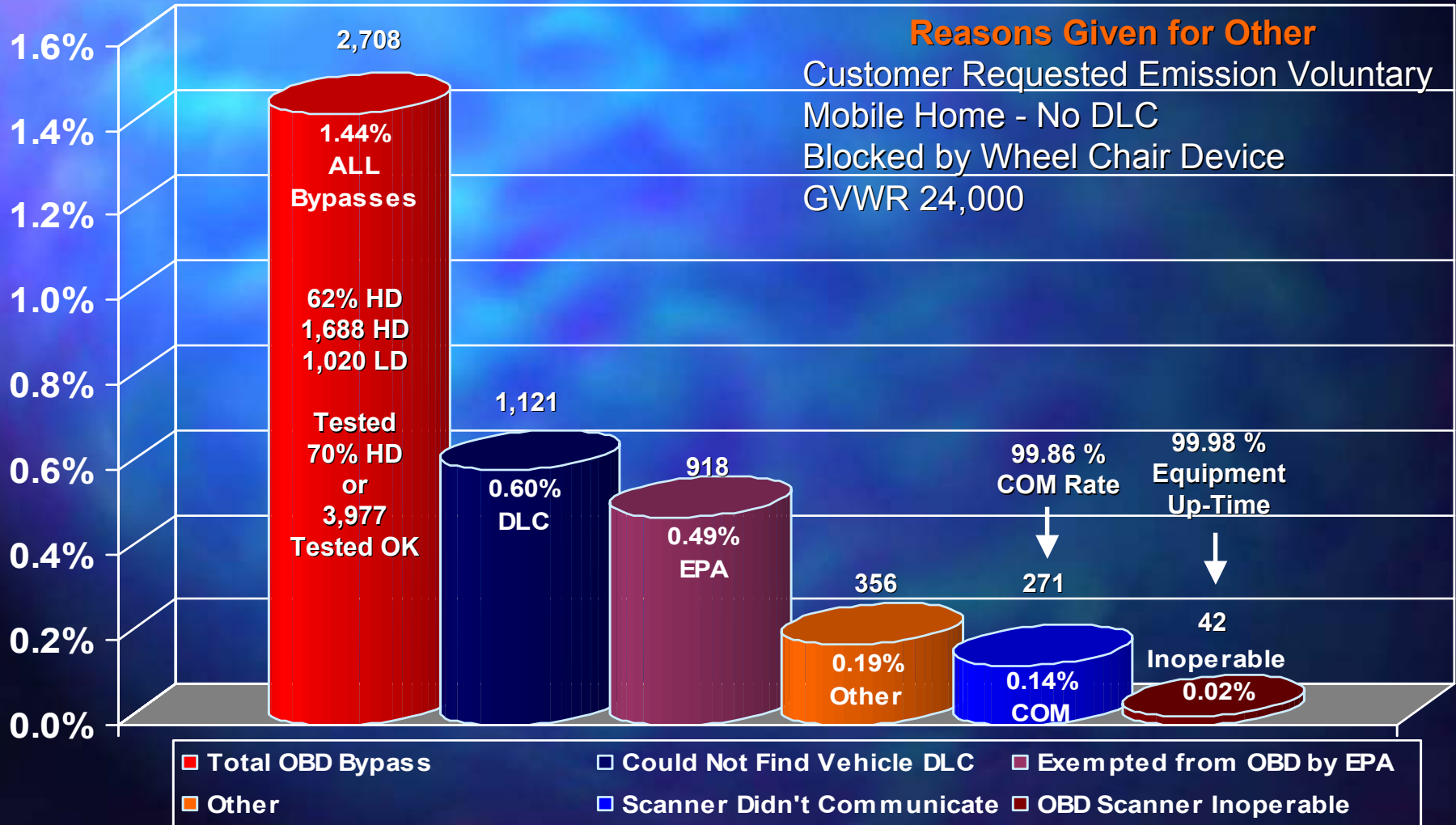
804 Vehicles Tested Between Dec 2000 - Apr 2001



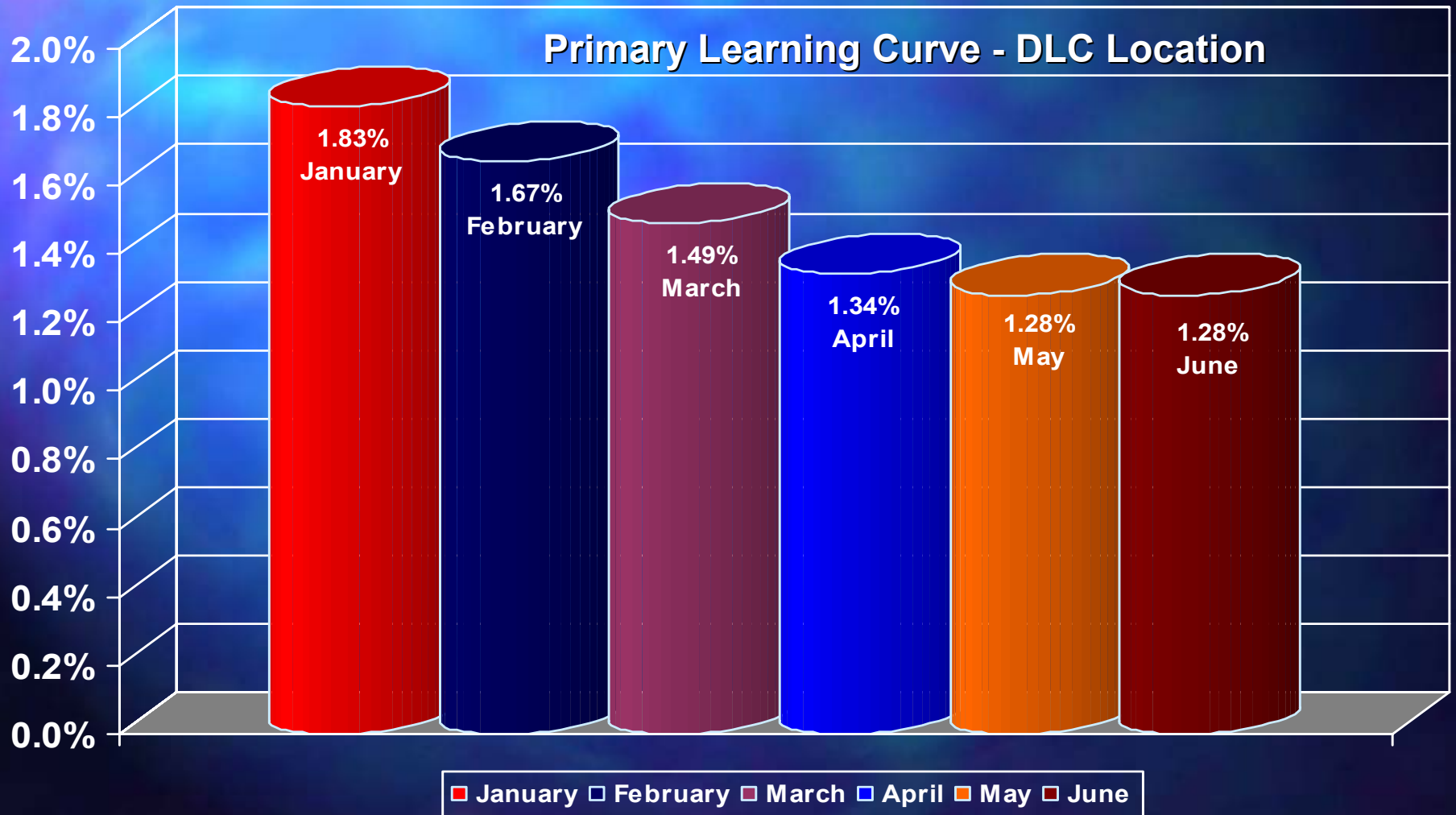
How Many DTCs Do Failing Vehicles Have?



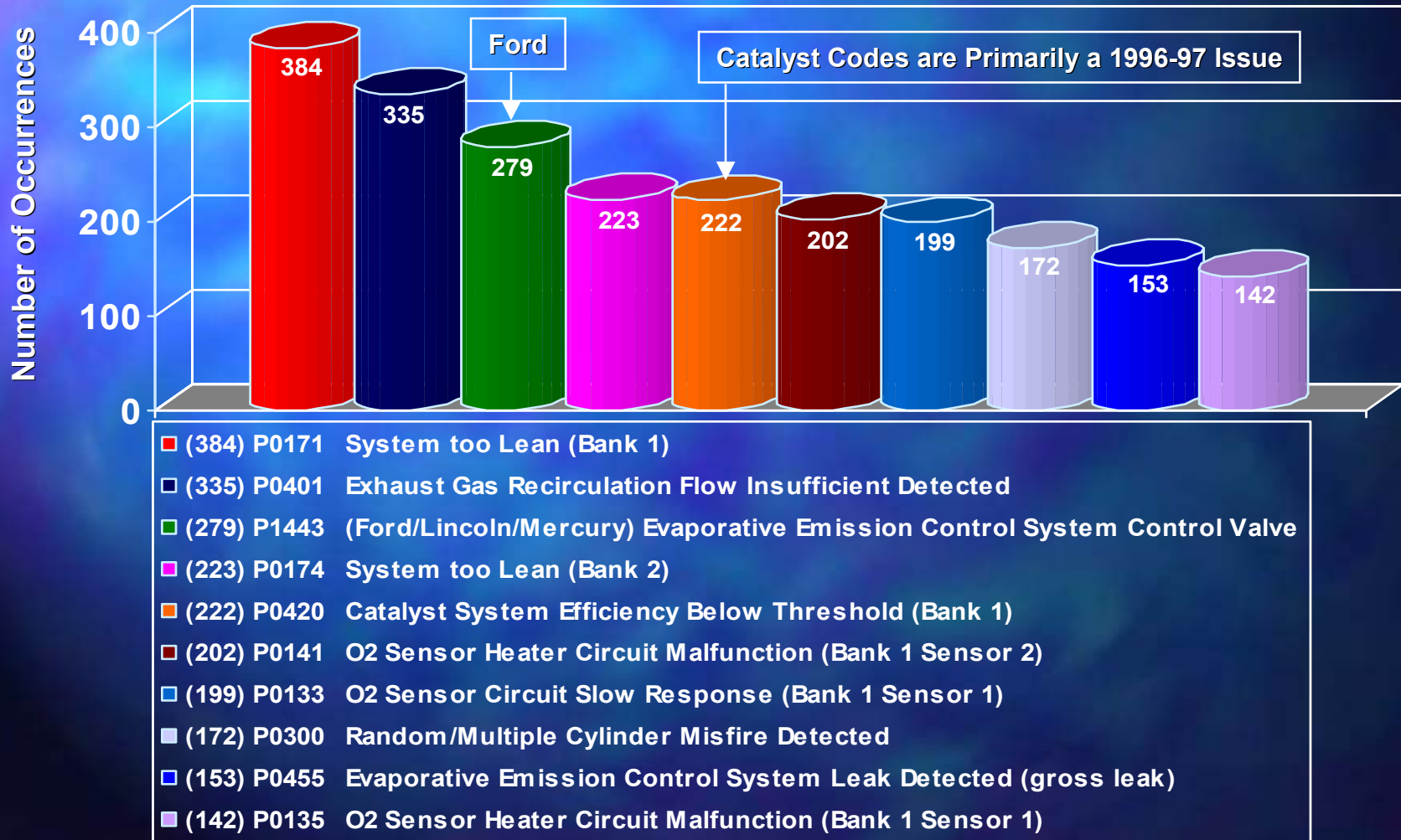
How Does Oregon's OBD Bypass Data Break Down?



Is Oregon's OBD Bypass Rate Improving With Time?

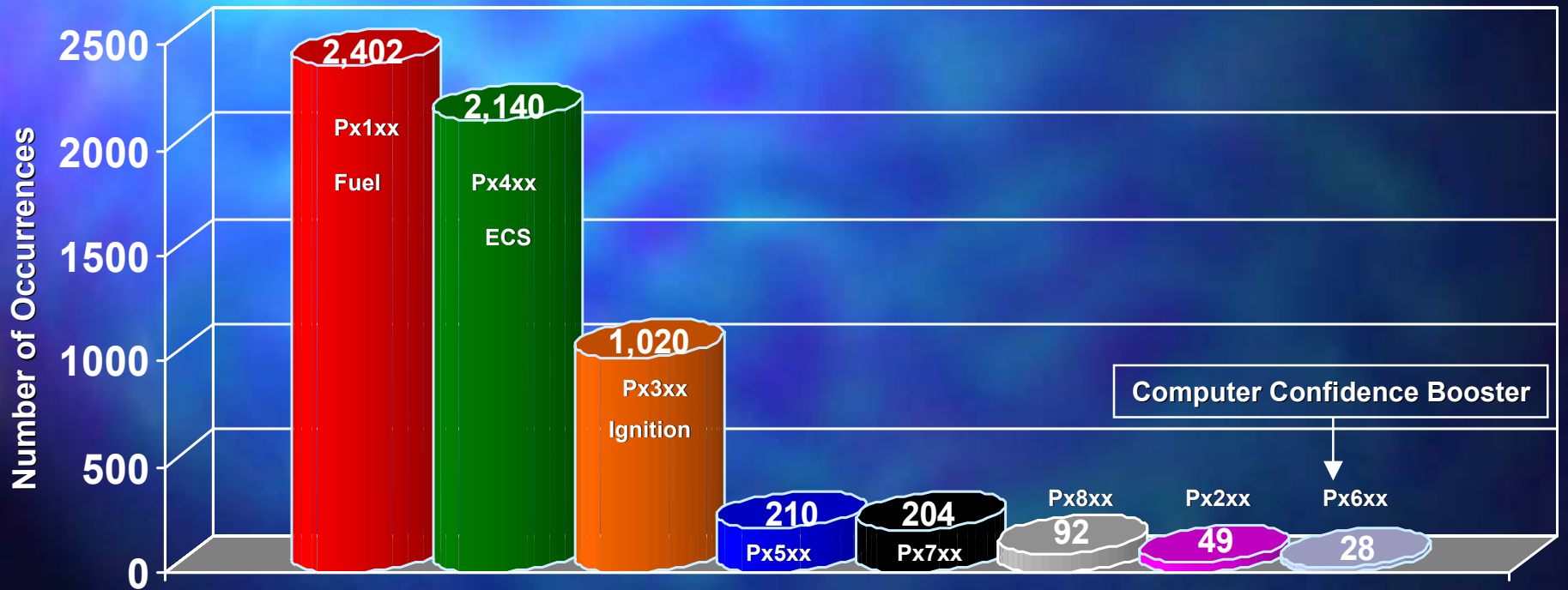


What Are Oregon's Top Ten Diagnostic Trouble Codes?



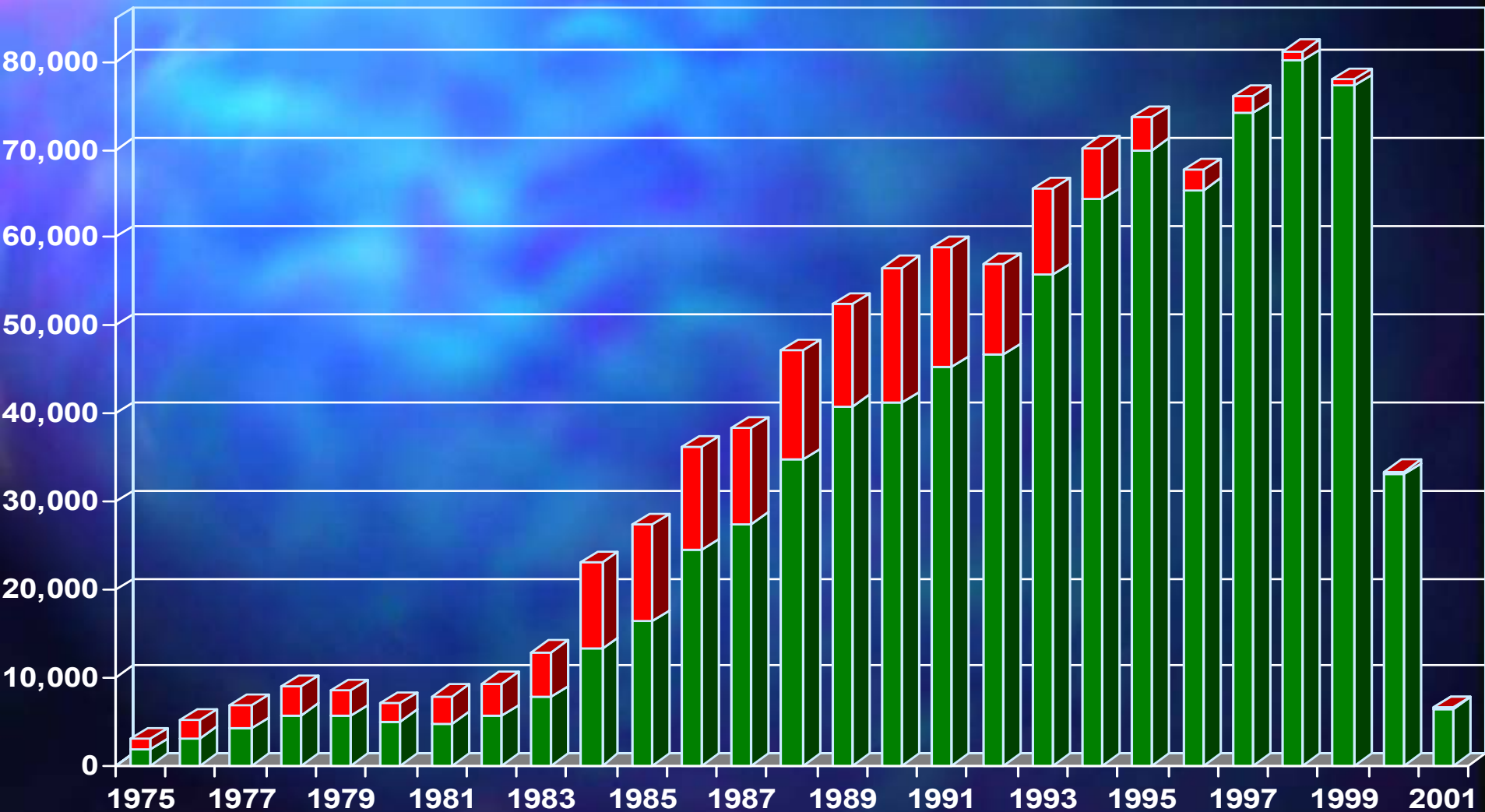
What Are Oregon's Top Vehicle OBD System Failures?

Based upon ALL DTC's Grouped by System



- | | | |
|--------------------------------------|-------------------------------------|------------------------------------|
| ■ Px1xx Fuel & Air Metering | ■ Px4xx Auxiliary Emission Controls | ■ Px3xx Ignition System or Misfire |
| ■ Px5xx Speed, Idle, Auxiliary Input | ■ Px7xx Transmission | ■ Px8xx Transmission |
| ■ Px2xx Fuel Control | ■ Px6xx Computer & Auxiliary Output | |

What is Oregon's Vehicle Model Year Volume vs Failure Rate?



How do Manufacturers Compare 1996 OBD Versus 1995 BAR-31?

