

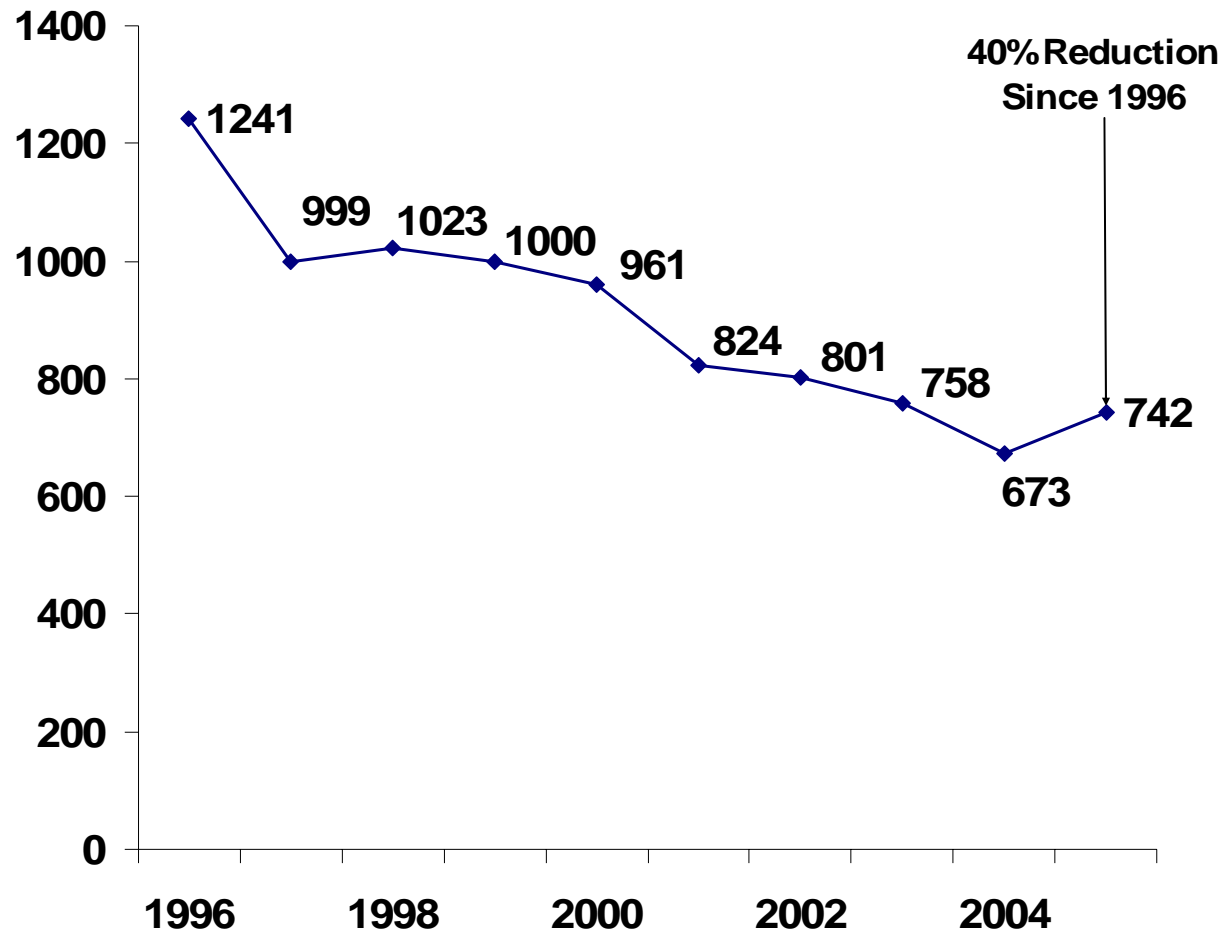
NAR Data Breakdowns 2003-2005

NAR Data Team Presentaton
October 2006

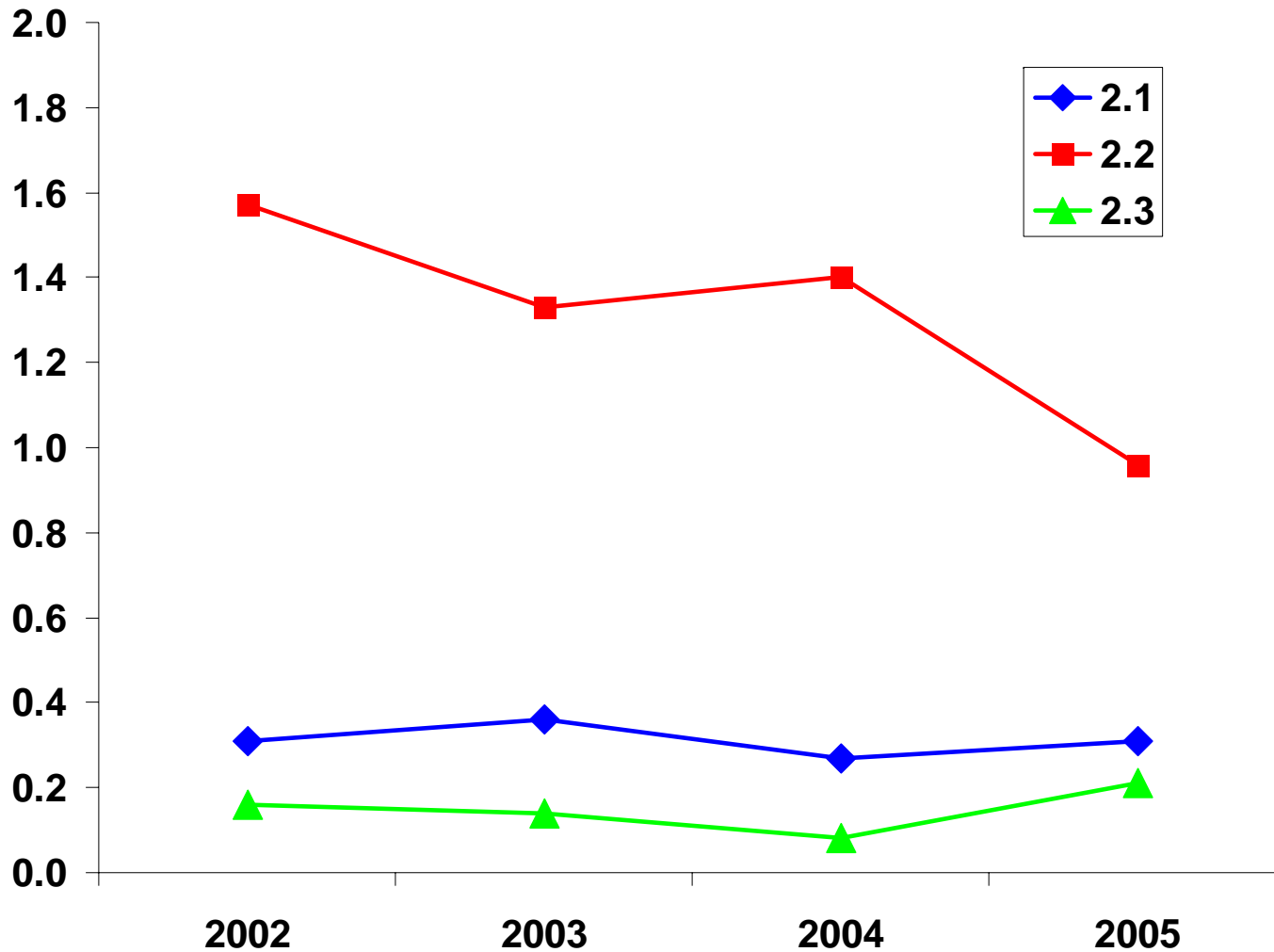
Todd Treichel

NARs by Year

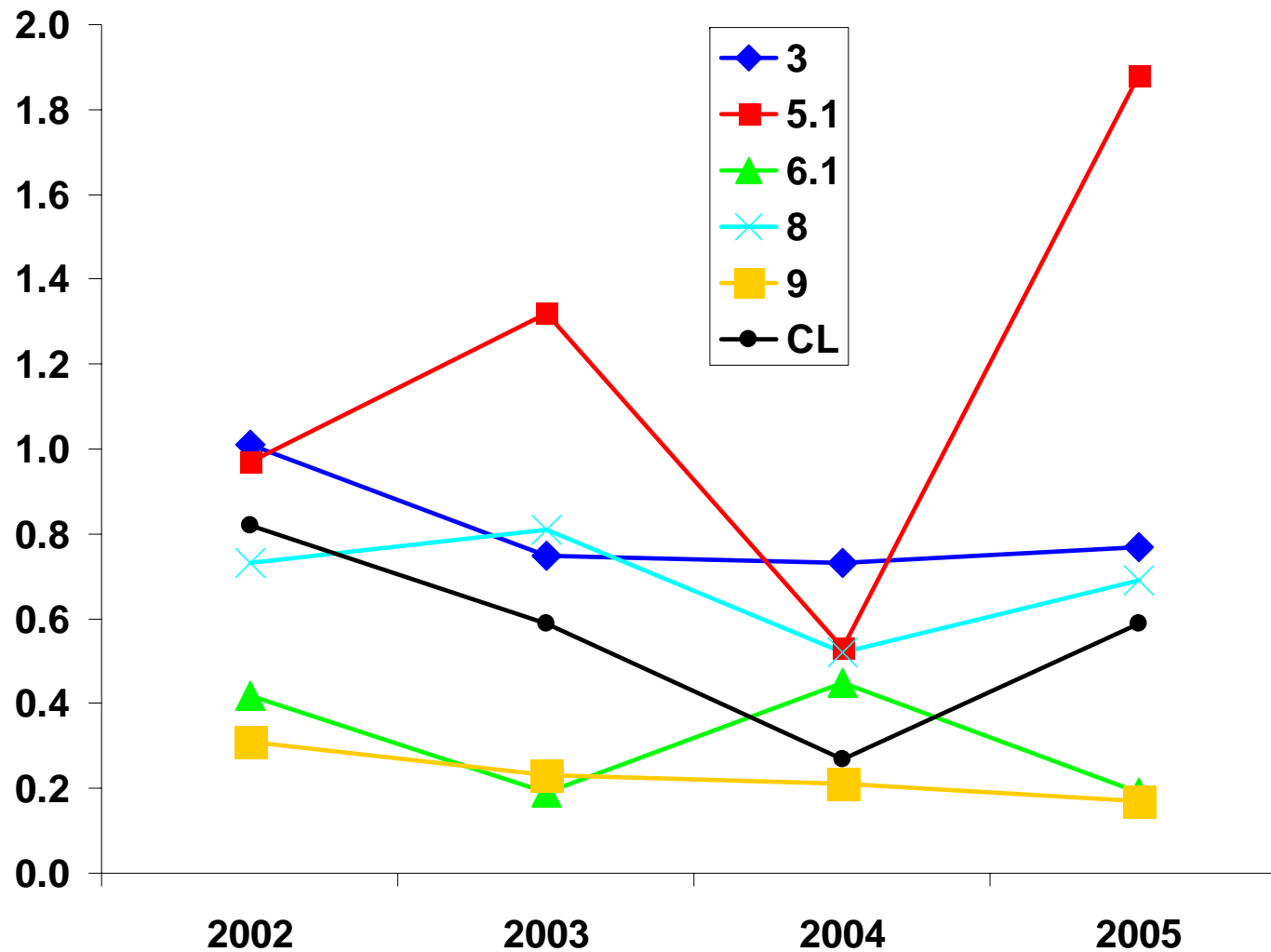
US & Canada



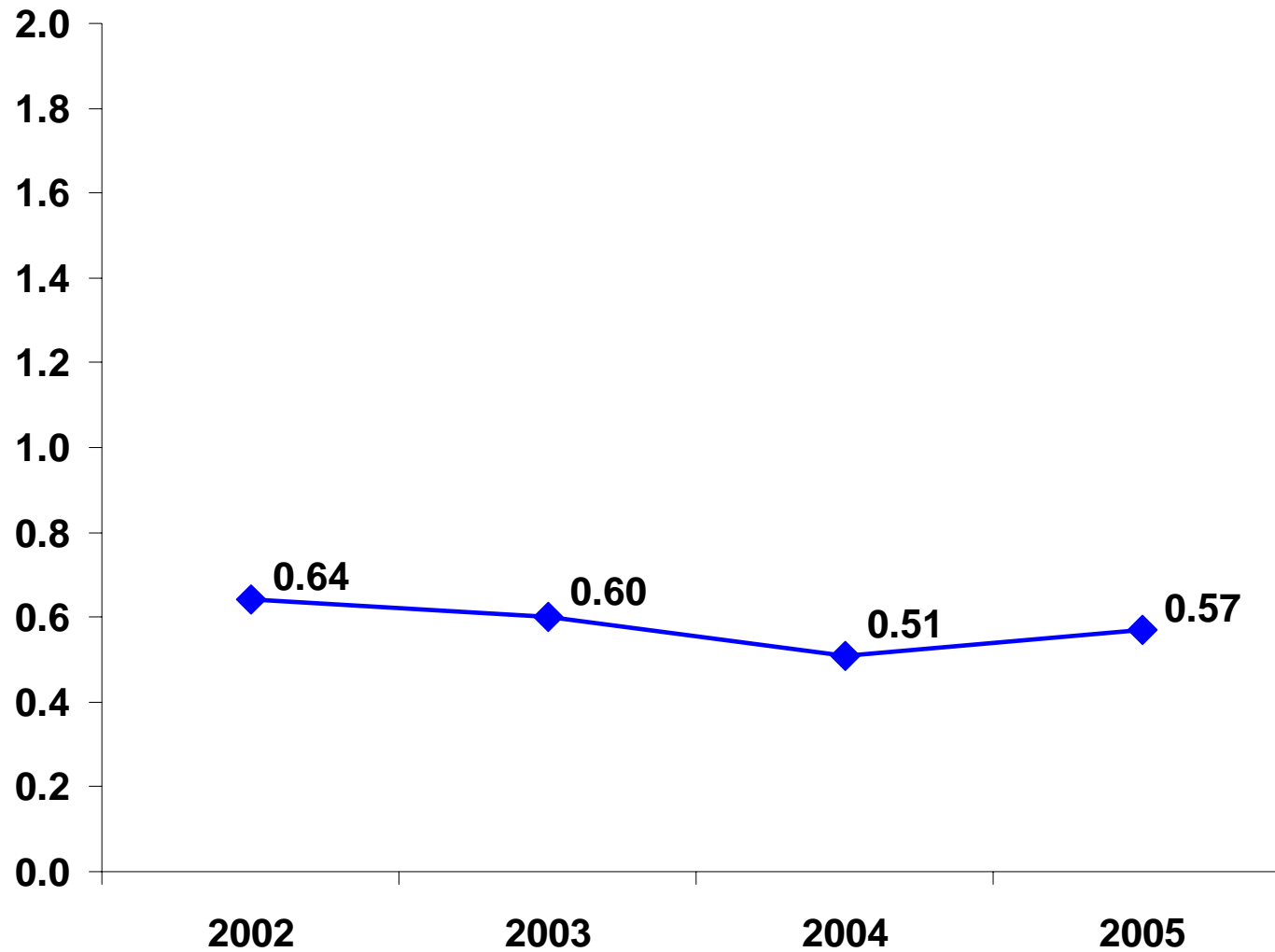
NARs per 1,000 Loads By Hazard Class: Gases



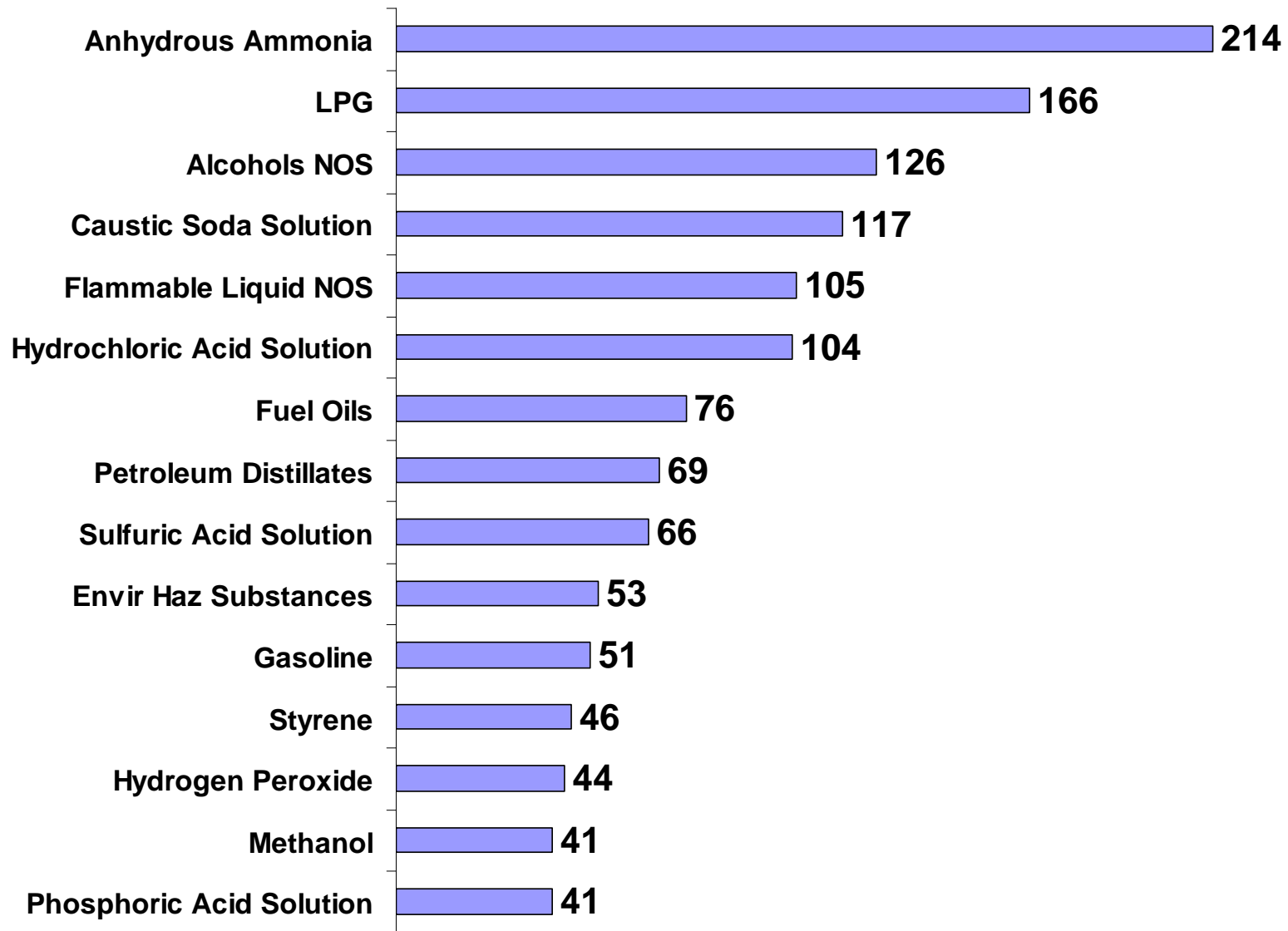
NARs per 1,000 Loads By Hazard Class: Non-Pressure



NARs per 1,000 Loads Overall



Top Commodities for NARs Cumulative for 2003-05

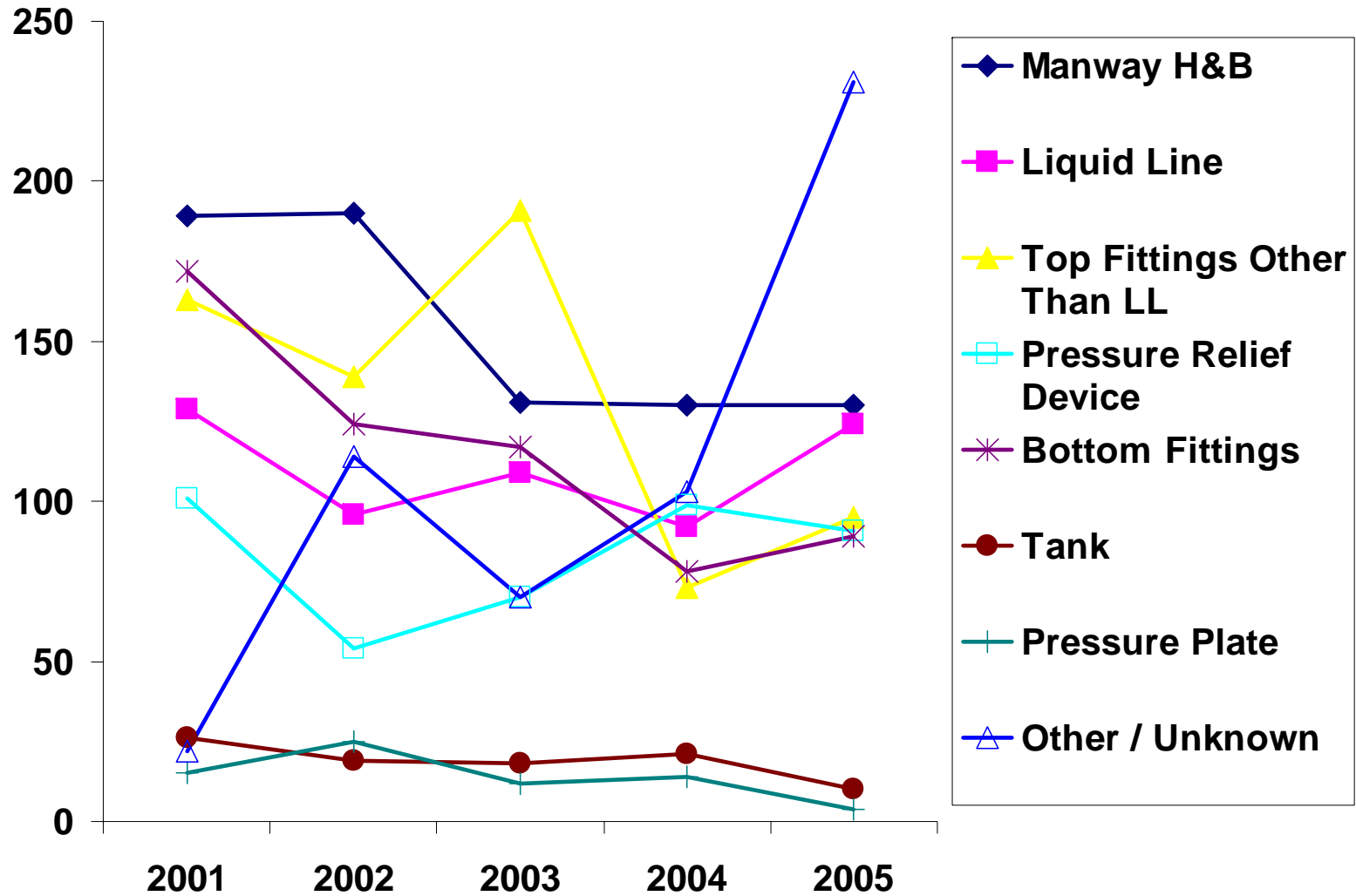


Top Commodities for NARs Year-by-Year for 2003-05

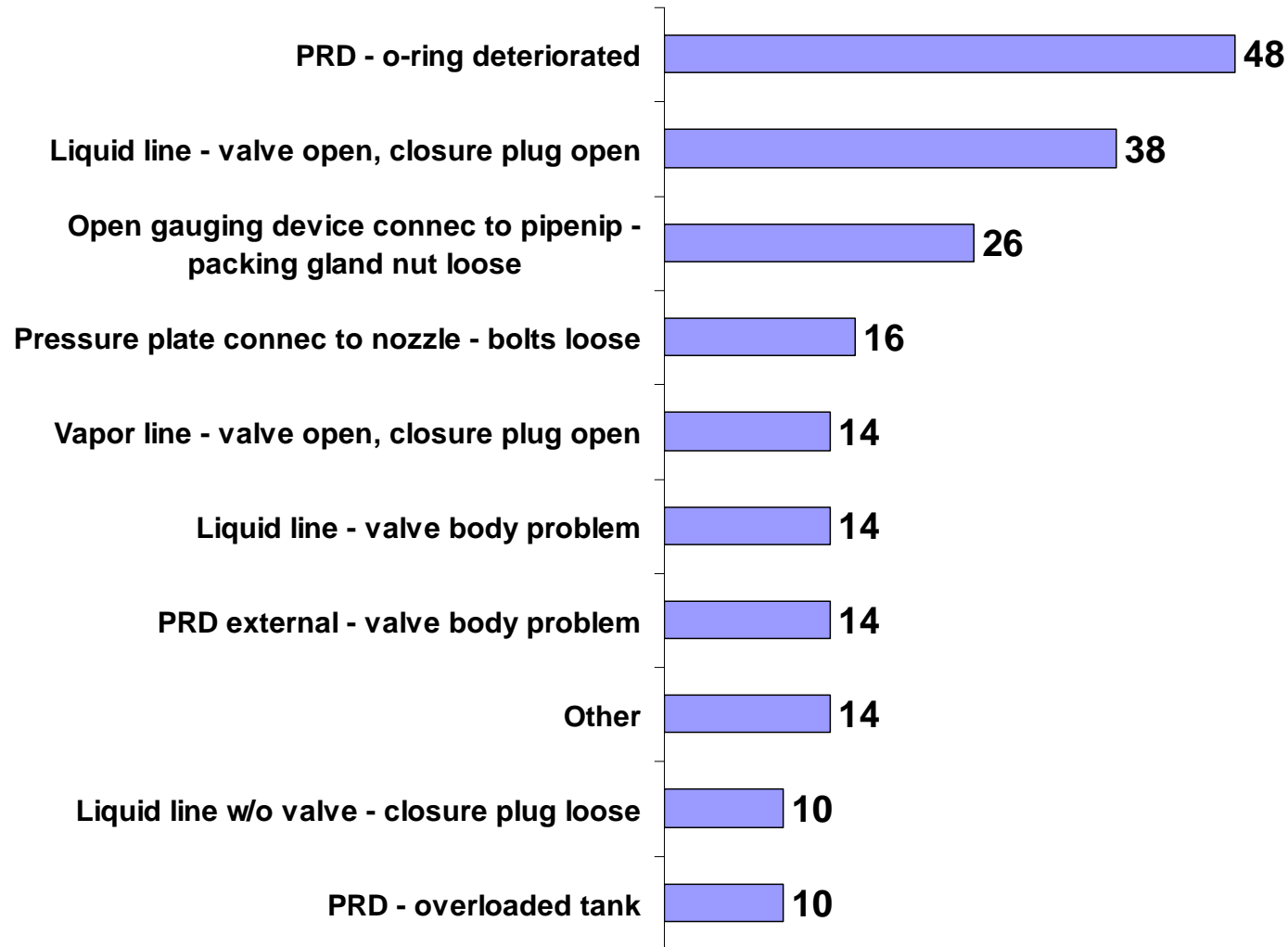
	Commodity	2003-2005	2003	2004	2005
1	Anhydrous Ammonia	214	82	78	60
2	LPG	166	70	40	56
3	Alcohols NOS	126	46	48	32
4	Caustic Soda Solution	117	57	29	31
5	Flammable Liquid NOS	105	32	45	28
6	Hydrochloric Acid Solution	104	43	20	41
7	Fuel Oils	76	27	19	30
8	Petroleum Distillates	69	24	24	21
9	Sulfuric Acid Solution	66	26	12	28
10	Envir Haz Substances	53	17	18	18
11	Gasoline	51	17	19	15
12	Styrene	46	10	13	23
13	Hydrogen Peroxide	44	13	6	25
14t	Methanol	41	13	11	17
14t	Phosphoric Acid Solution	41	16	13	12

Trends in Cause Groups

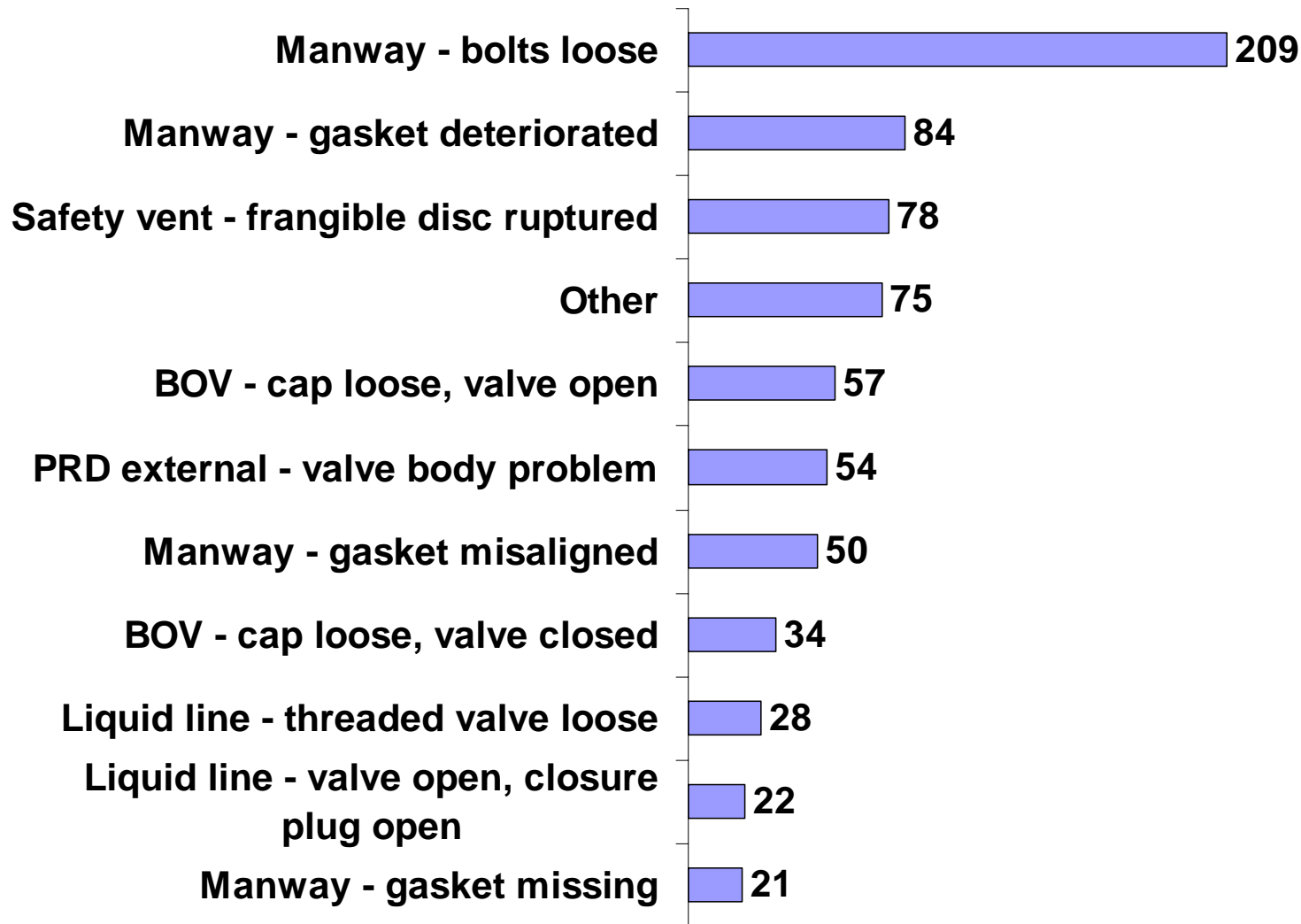
US & Canada, All Car Types



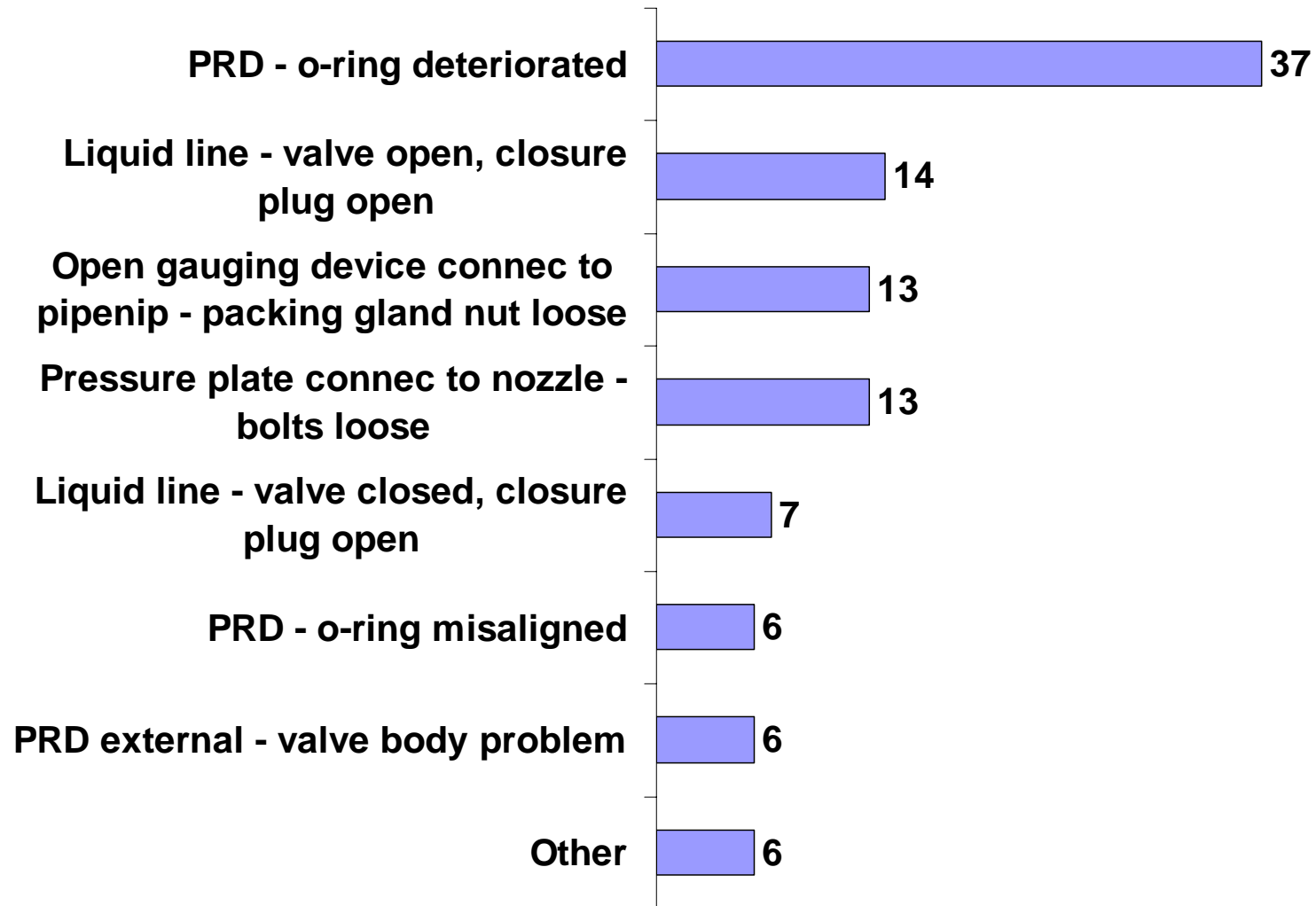
Top Specific Causes for Pressure Cars 2003-05



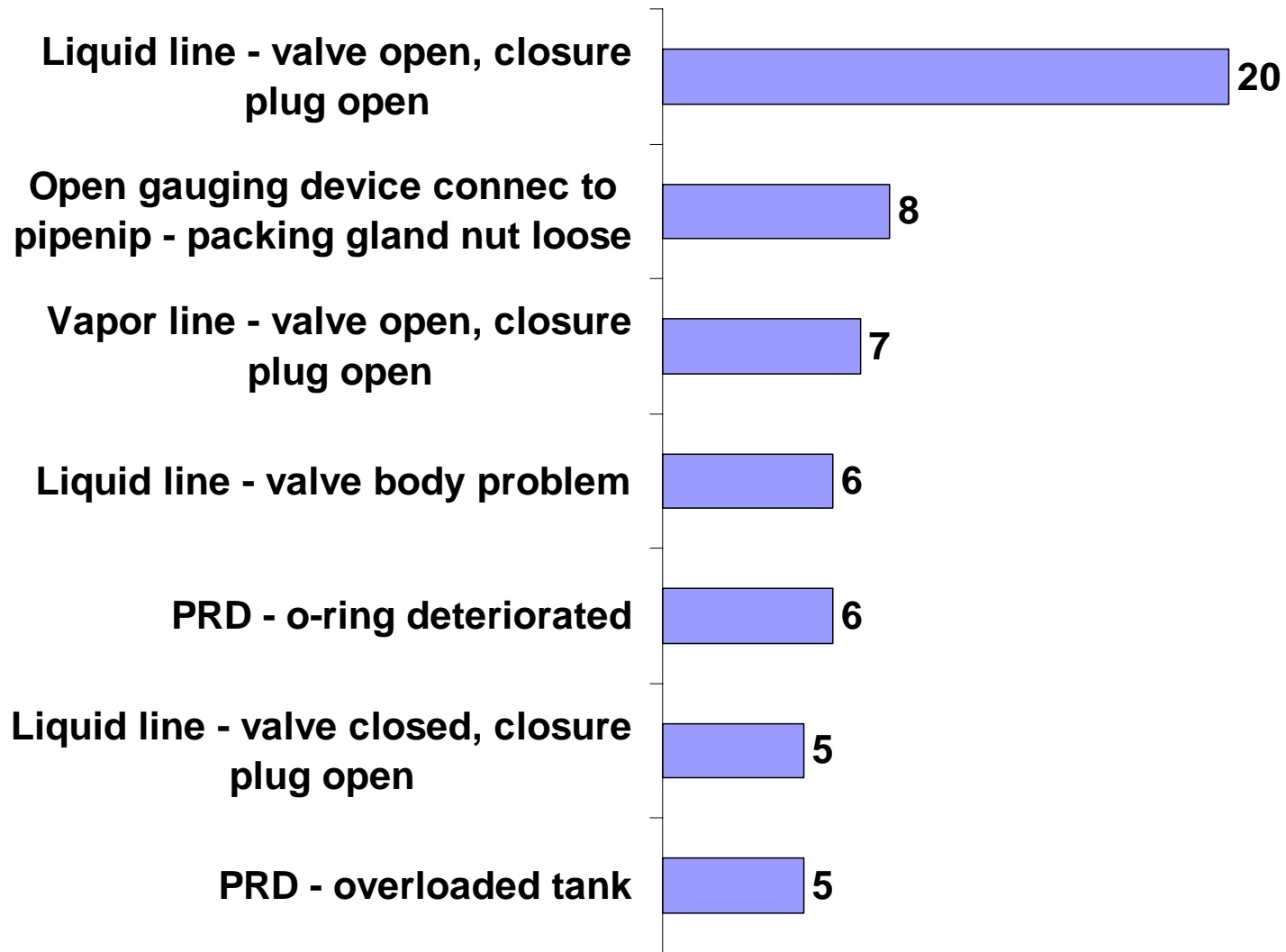
Top Specific Causes for Nonpressure Cars 2003-05



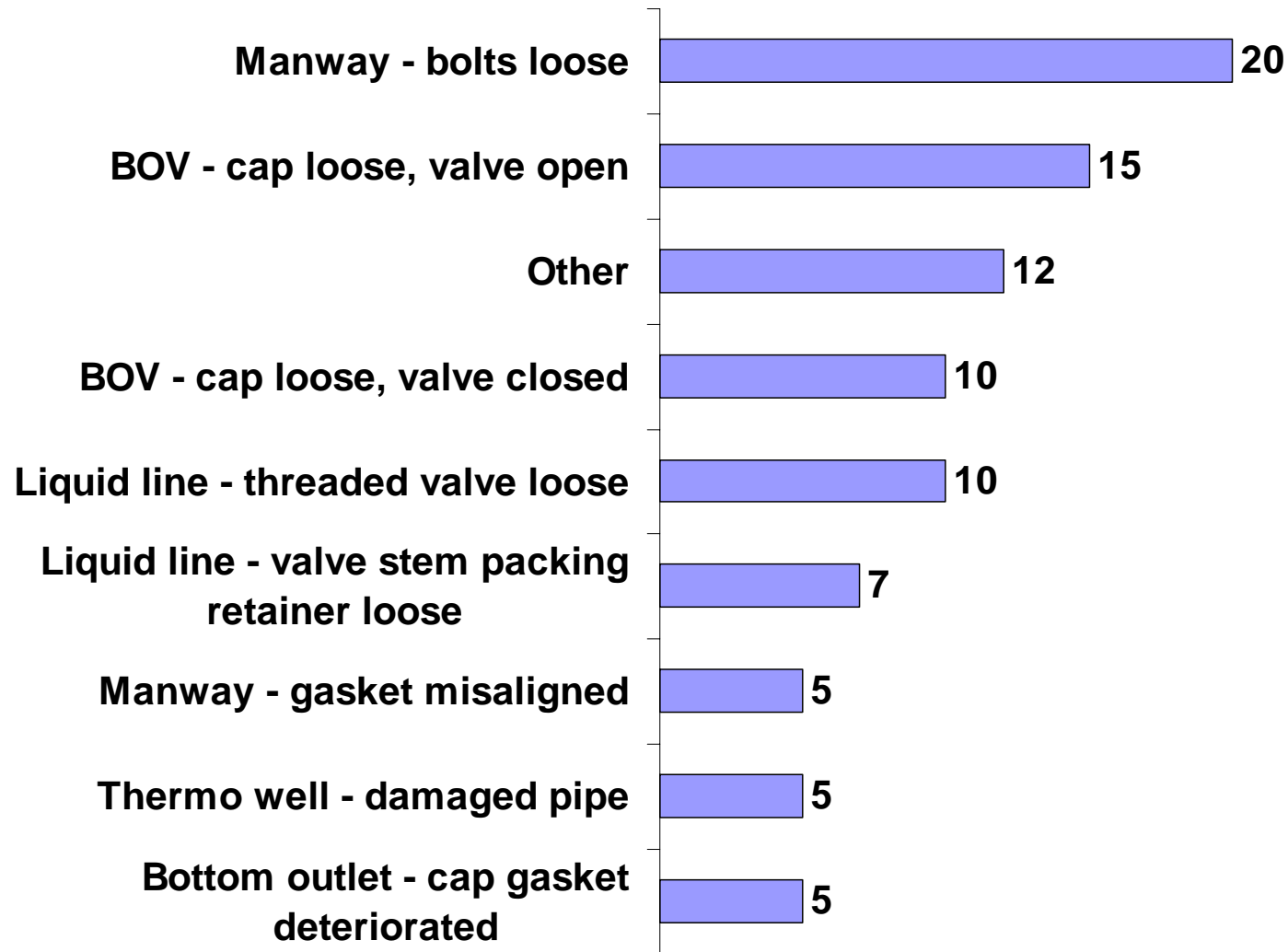
Anhydrous Ammonia: Top Specific Causes 2003-05



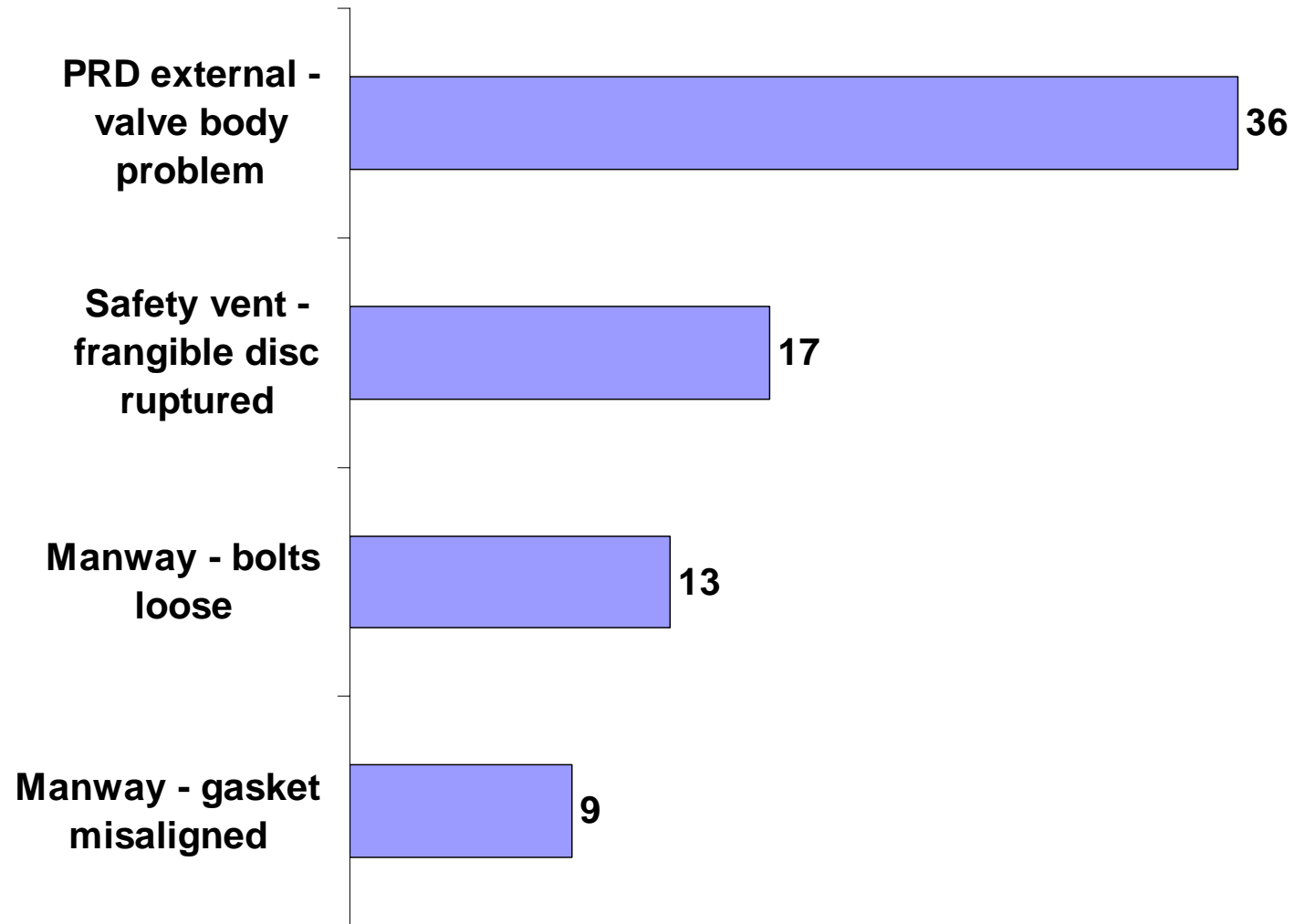
LPG: Top Specific Causes 2003-05



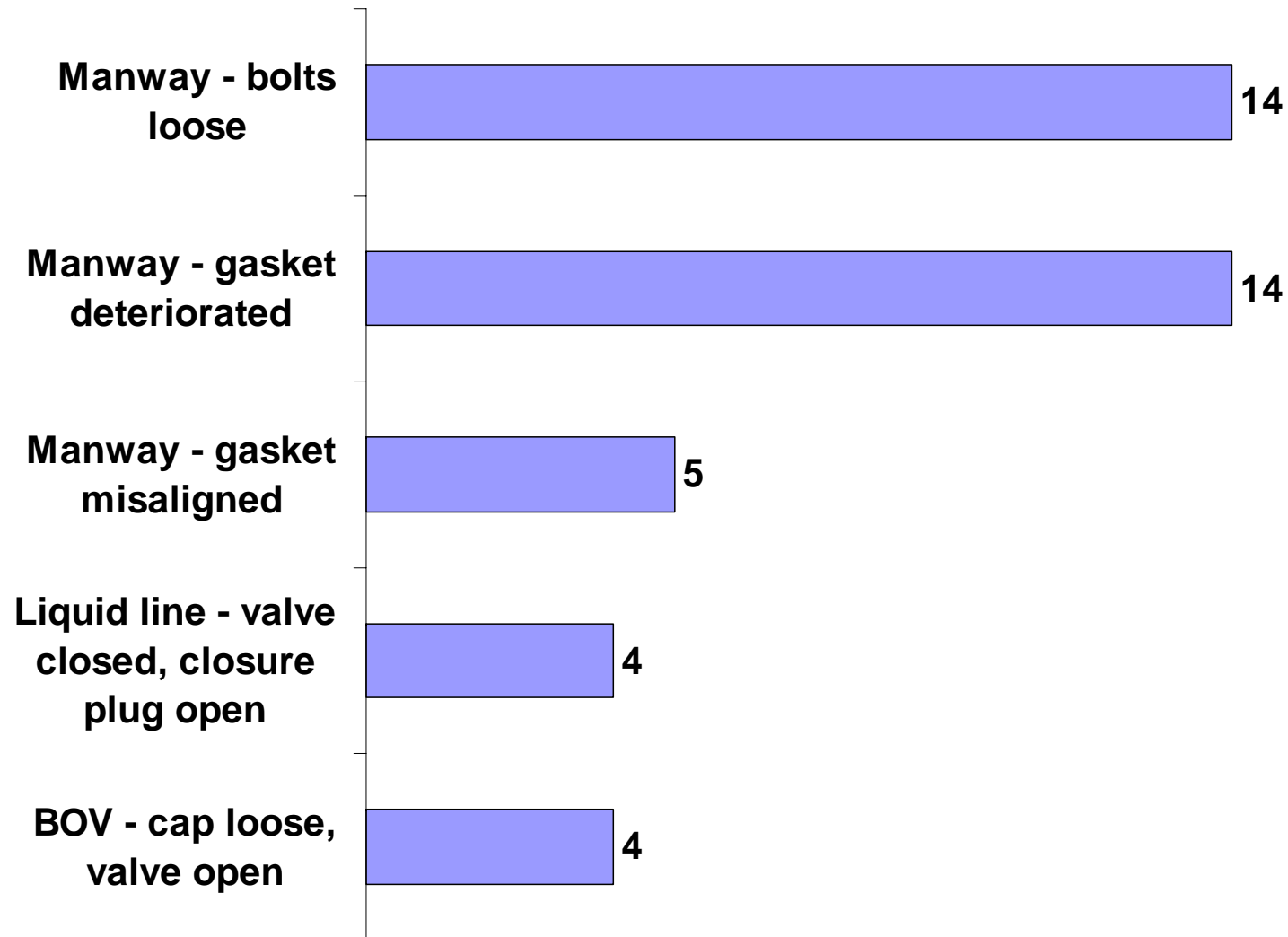
Alcohol NOS + Methanol + Ethanol: Top Specific Causes 2003-05



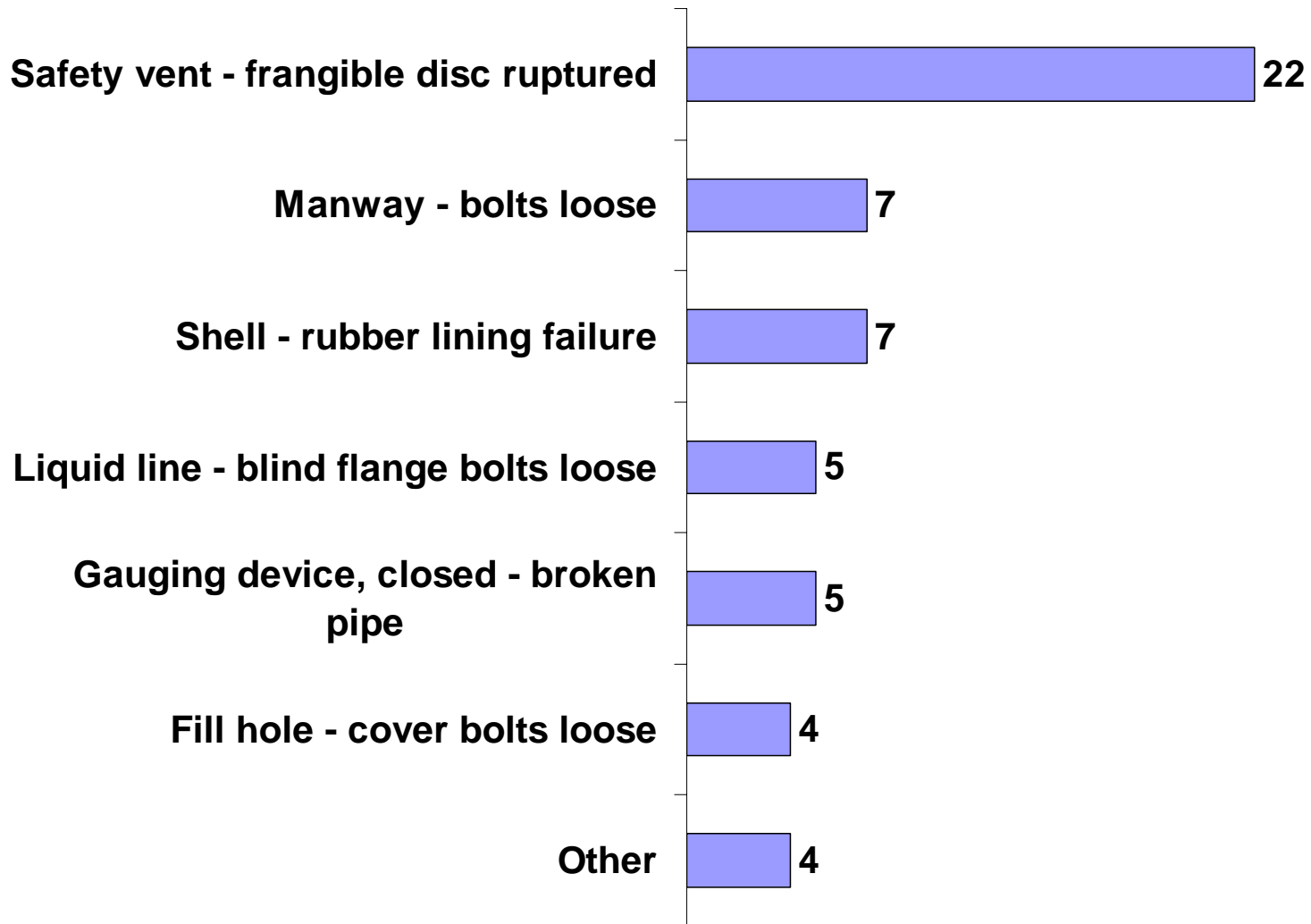
Caustic Soda Solution: Top Specific Causes 2003-05



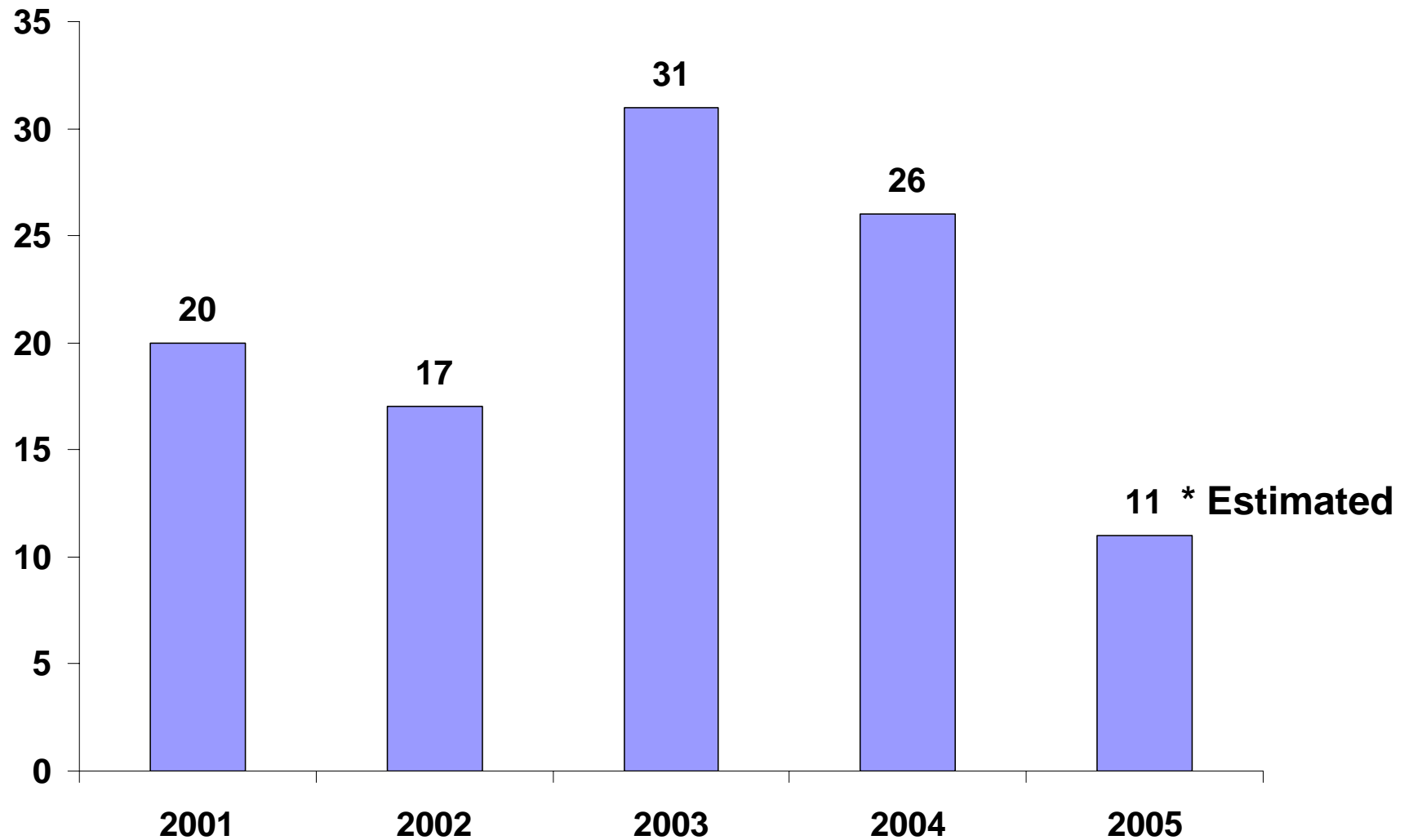
Flammable Liquid NOS: Top Specific Causes 2003-05



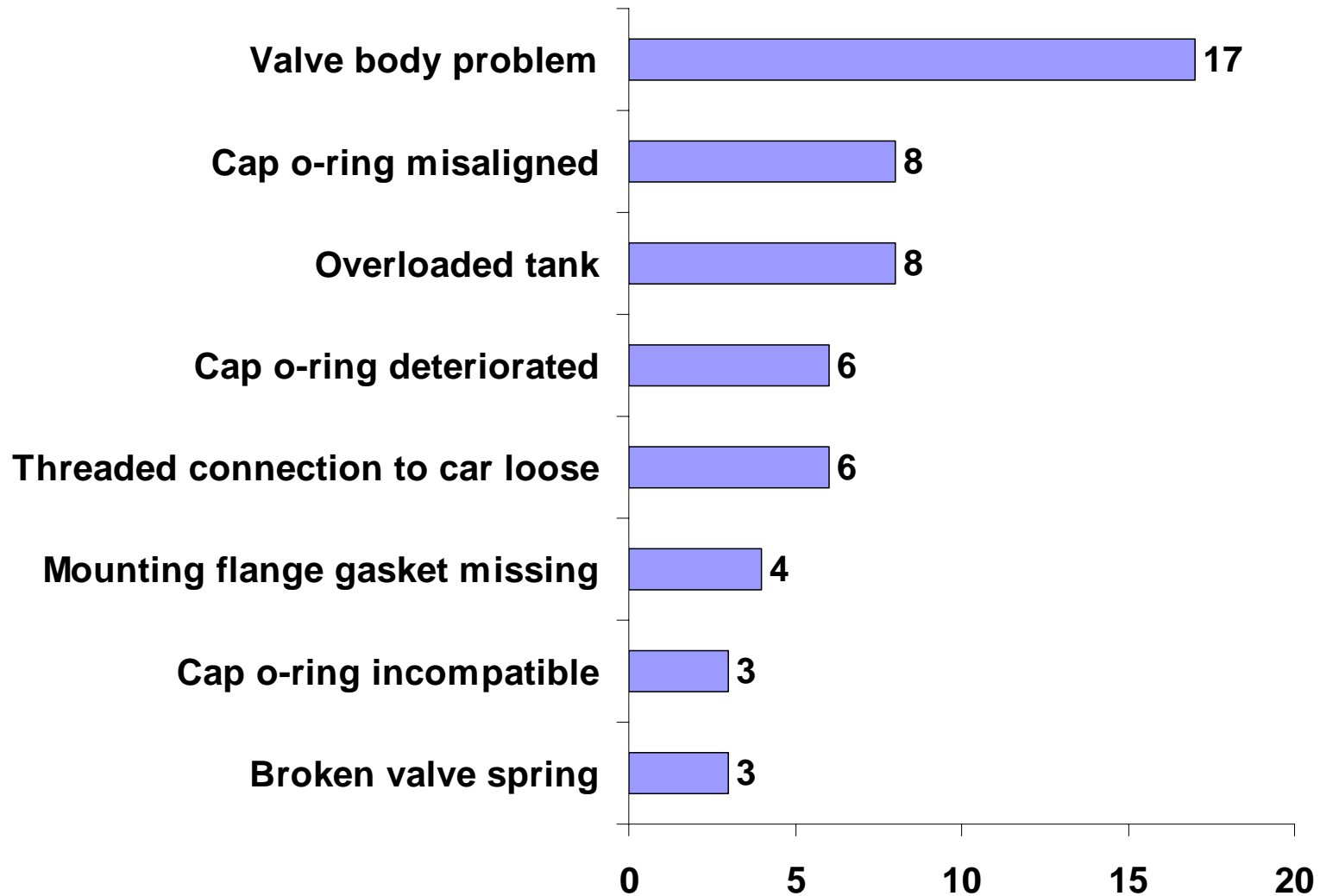
HCL Solution: Top Specific Causes 2003-05



Vacuum Relief Valve NARs 2001- 2005



Vacuum Relief Valve NAR Causes 2003- 2005



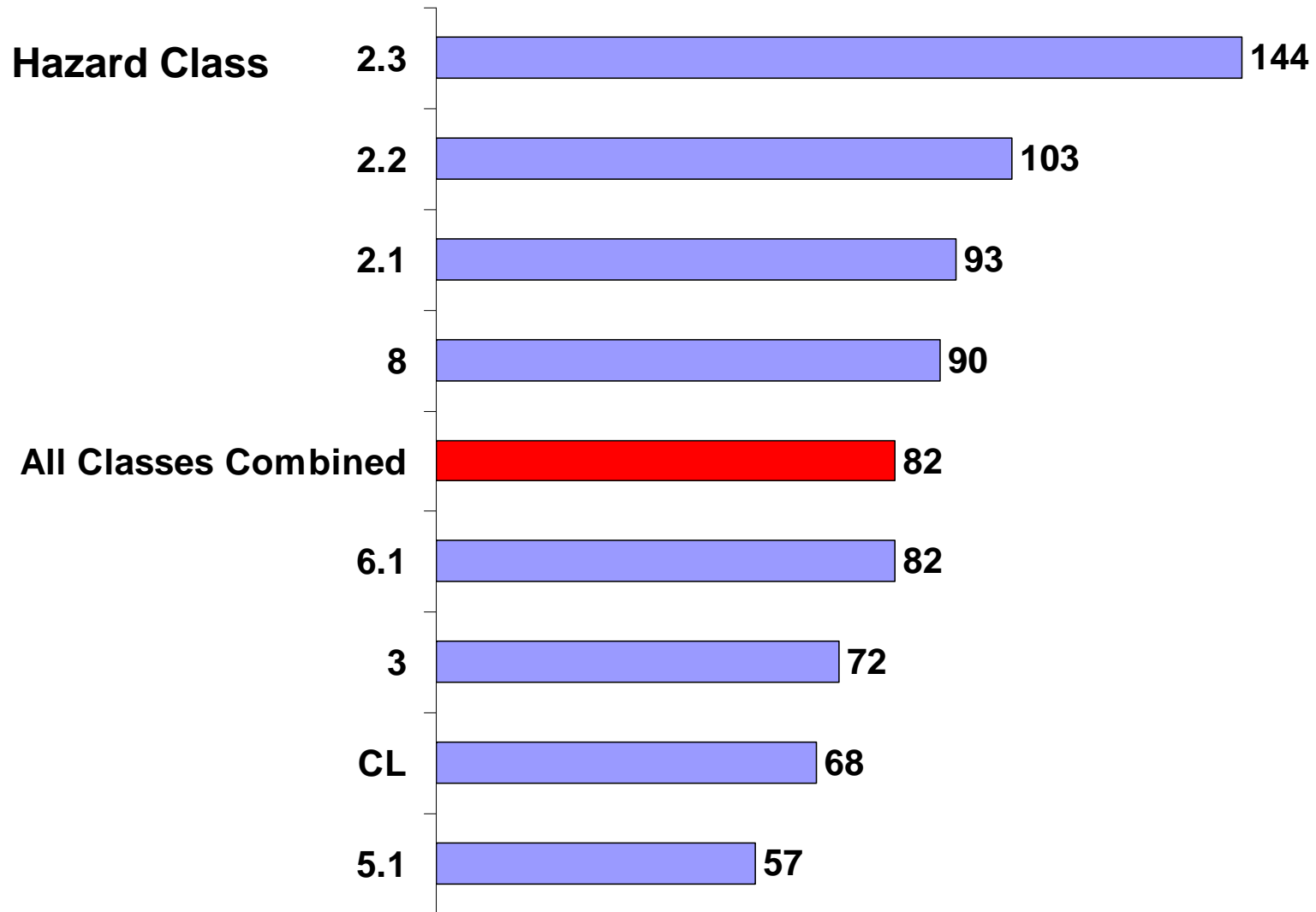
PRV O-Ring NAR Causes

2003- 2005

	Pressure	Non-Pressure	Total
Deteriorated	48	5	53
Misaligned	6	2	8
Incompatible	0	2	2
Missing	0	0	0
Wrong Size	0	0	0
Total	54	9	63

NARRI Points per NAR

US & Canada 2005



NARRI Points per 1,000 Loads

US & Canada 2005

