

**EPA Region 6 Accidental
Release Information :**
1982 - 2009
Over 25 Years of Data

NRC BACKGROUND :: Primary function of the NRC is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment.

In addition to gathering and distributing spill data for OSCs and serving as the communications and operations center for the NRT, the NRC maintains agreements with a variety of entities to make notifications regarding incidents meeting established trigger criteria.

The NRC also takes Terrorist/Suspicious Activity Reports and Maritime Security Breach Reports.

On behalf of DHS and the USCG, the NRC:

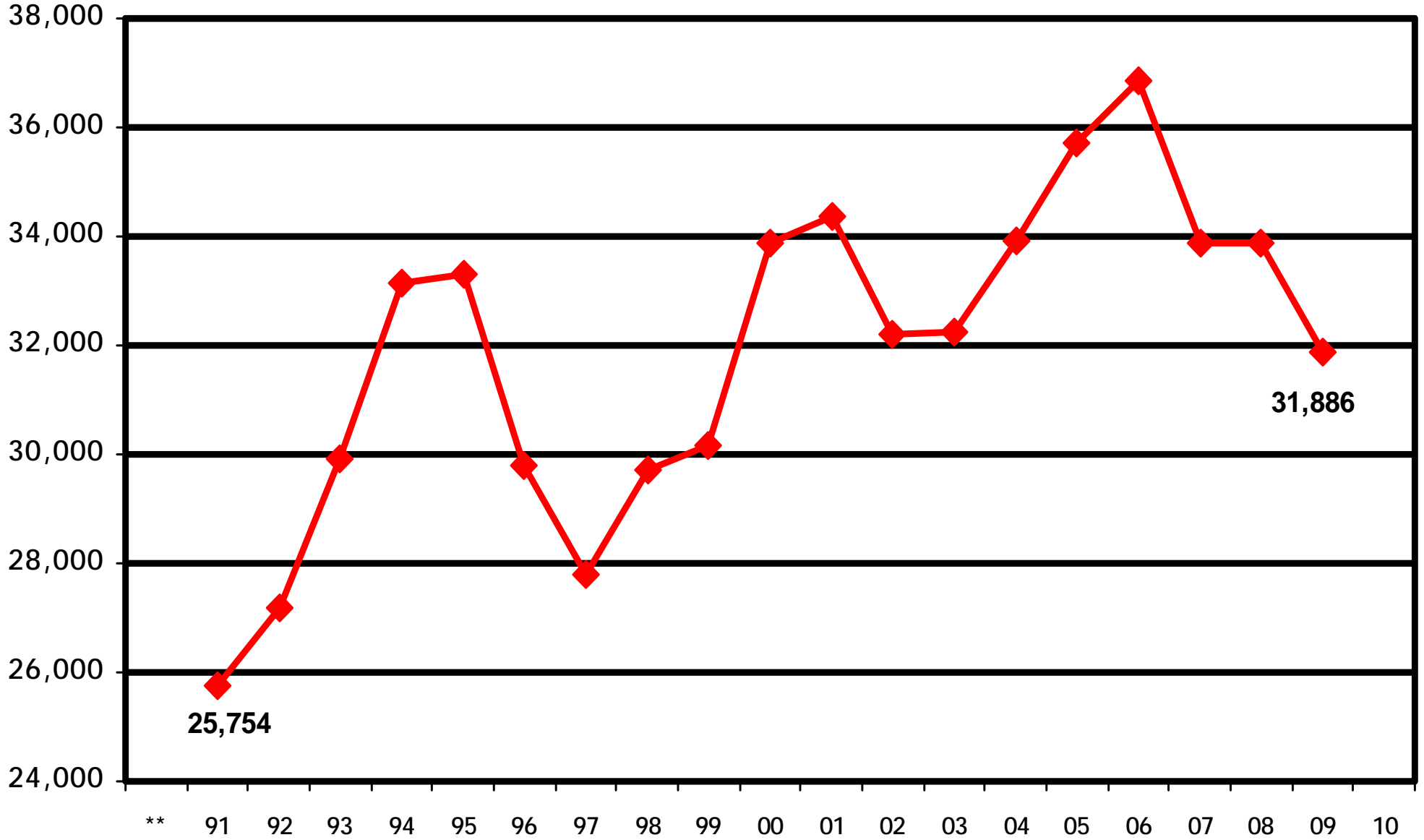
- Briefs the White House, Office of Homeland Security, Secretary of Transportation, and Chiefs of Modal Administrations regarding all significant transportation emergencies;
- Provides information the Coast Guard's Office of Marine Safety, Security, and Environmental Protection as needed;
- Receives and relays reports of incidents reportable under the Hazardous Materials Transportation Act;
- Provides incident reports to various DOT agencies;
- and provides notification to DOT and NTSB offices of transportation incidents that meet certain criteria.

On behalf of other Agencies, the NRC provides services to enhance the Federal Response System:

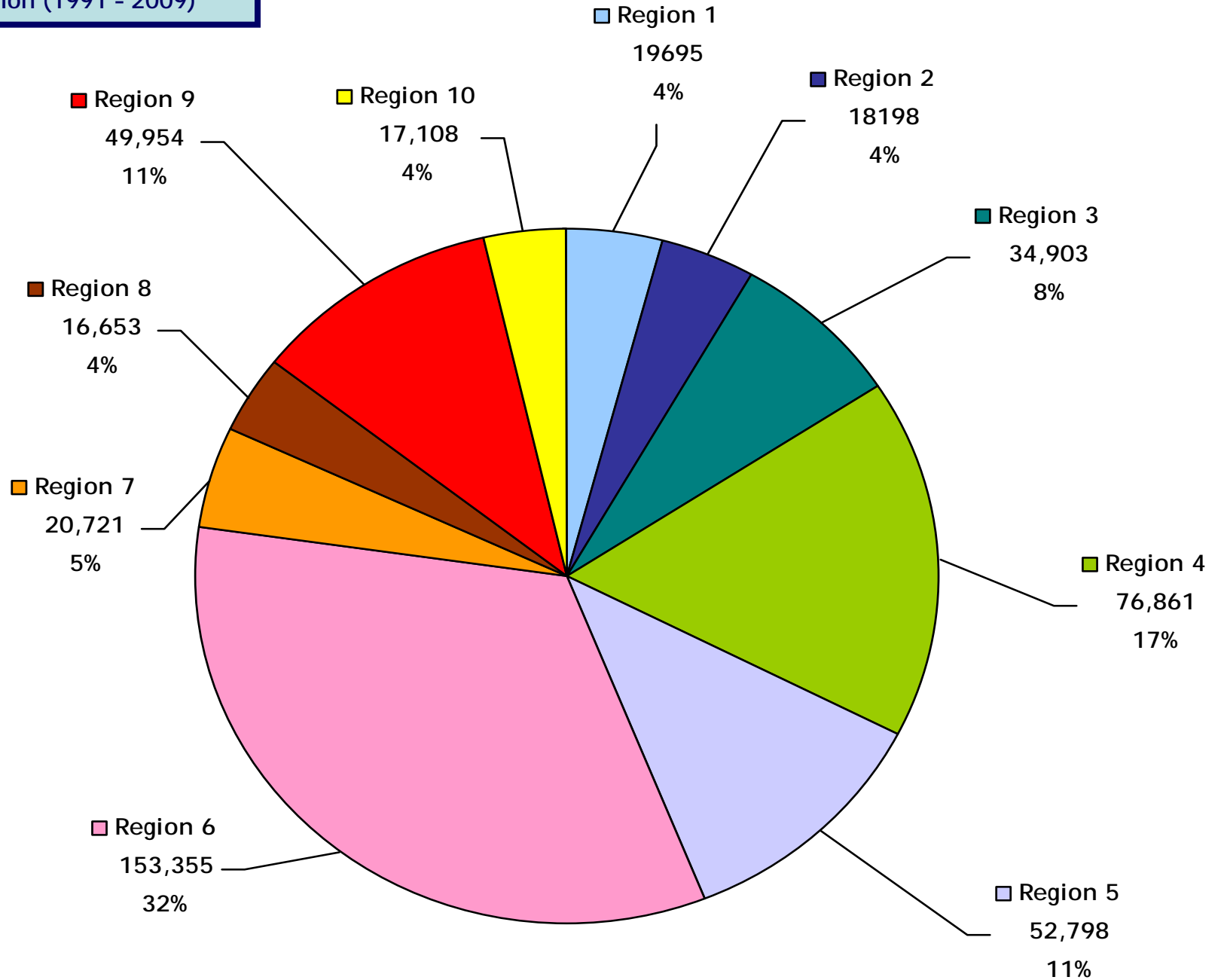


- For the EPA, the NRC receives incident reports under the FRS which is supported under CERCLA, CWA, CAA, EPCRA, and OPA. The NRC disseminates reports of oil discharges and chemical releases to the FOSC;
- For FEMA, the NRC acts as a 24 hour contact point to receive earthquake, flood, hurricane, and evacuation reports;
- For the NucRC, and DOE, the NRC makes notification of all incidents involving radioactive material releases;
- For DOI, the NRC receives reports of incidents involving Trans-Alaskan Pipeline Oil;
- For DOD, incidents involving transportation emergencies with DOD munitions or explosives are referred to the Army Operations Center. Any incident involving hypergolic rocket fuels and oxidizers are passed to the Air Force Operations Center.
- The NRC takes reports on potential or actual domestic terrorism and coordinates notifications and response with the FBI;
- For the DHHS, releases of etiological and biological agents are referred to the CDC;
- For the FRA, the NRC takes reports of railroad incidents involving hazardous materials, grade crossing fatalities, and accidents resulting in injury or death of railroad employees.
- The NRC is contact point for activation of the NRT and provides facilities for the NRT to use in coordinating a national response action when required.

NRC Notifications Nationally / EPA (1991 - 2009)

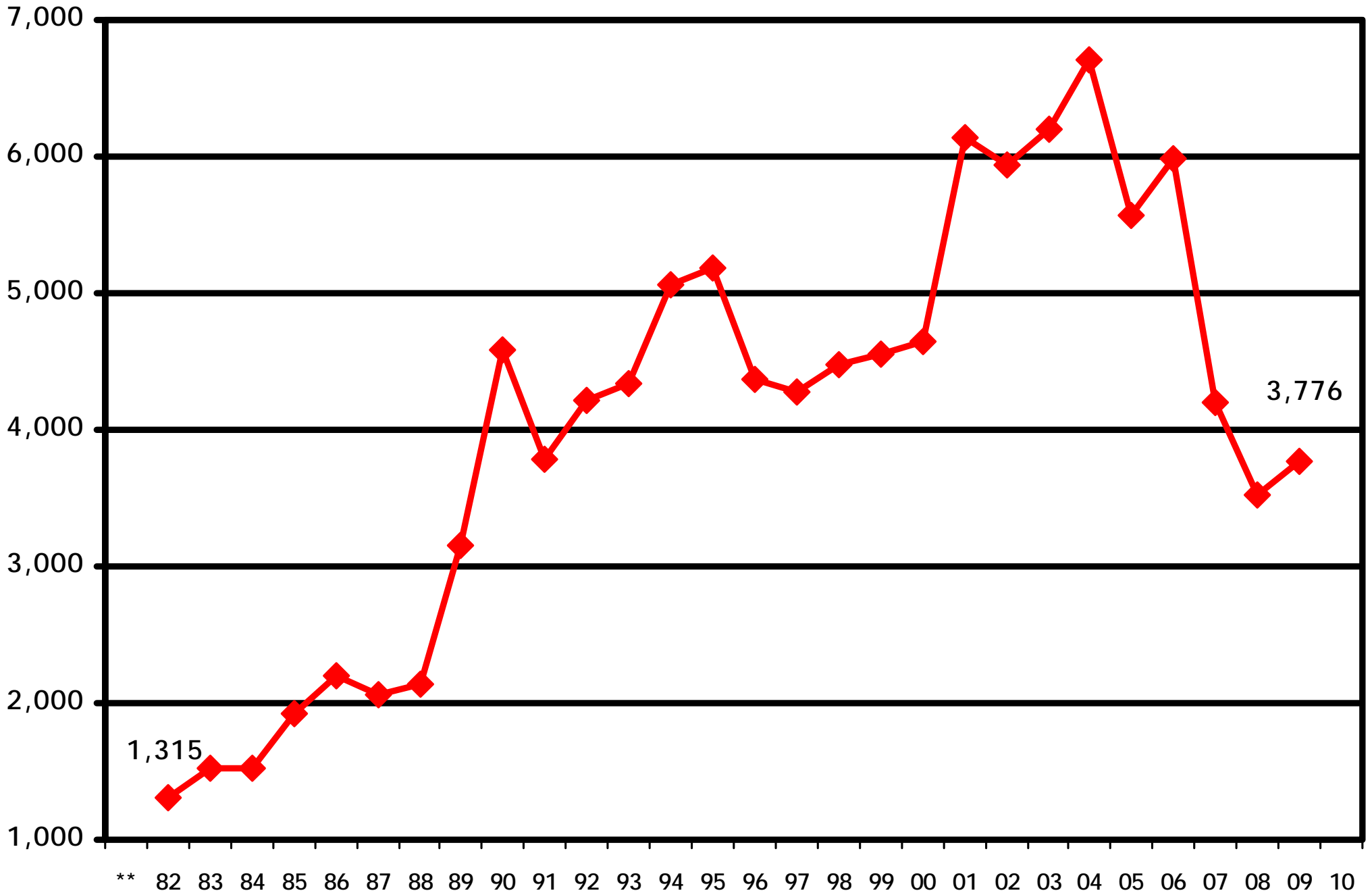


EPA Notifications per Region (1991 - 2009)

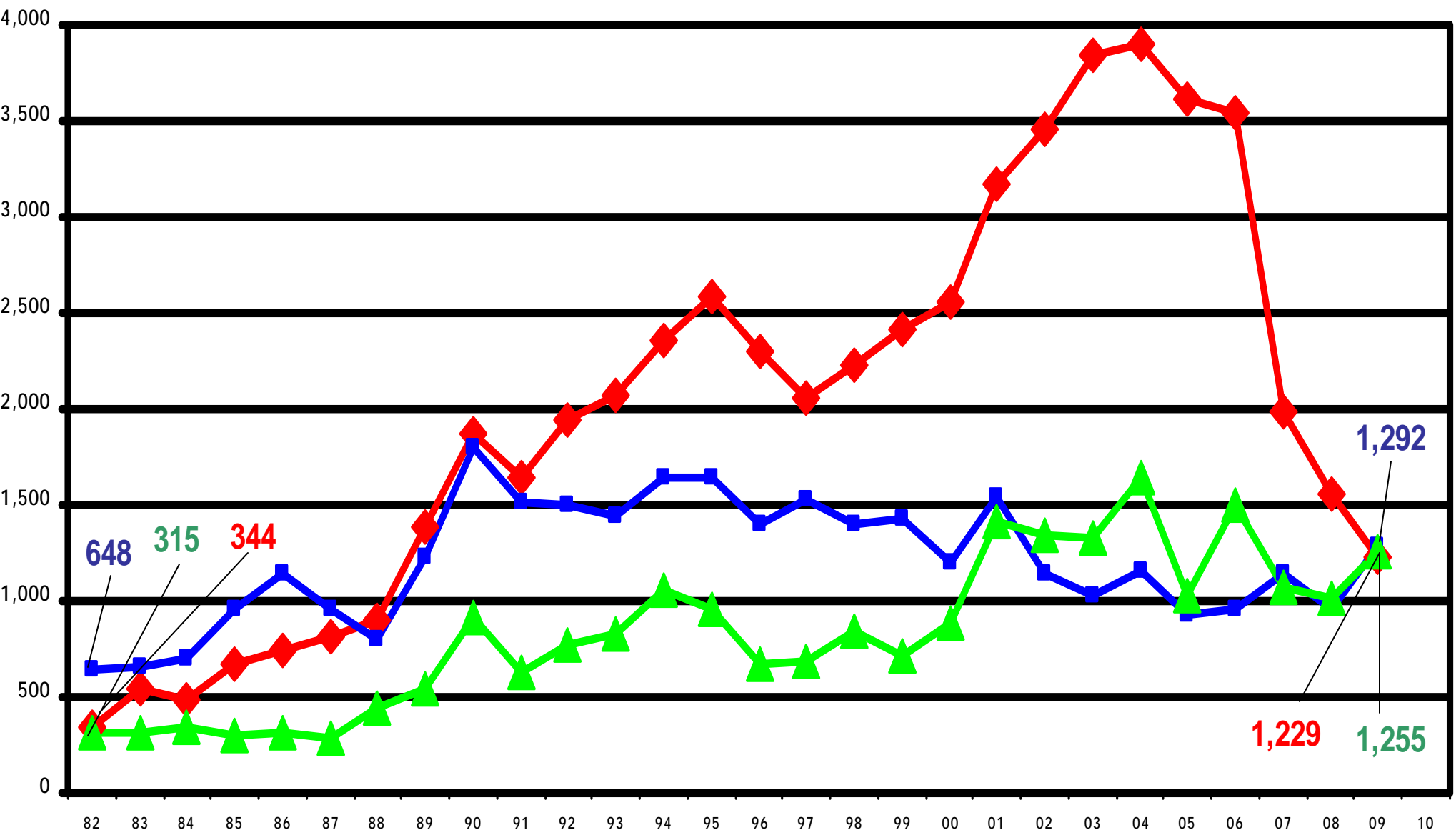


Reflects all reports to National Response Center over period (1991 - 2009)

NRC Notifications to EPA Region 6 (1982 - 2009)

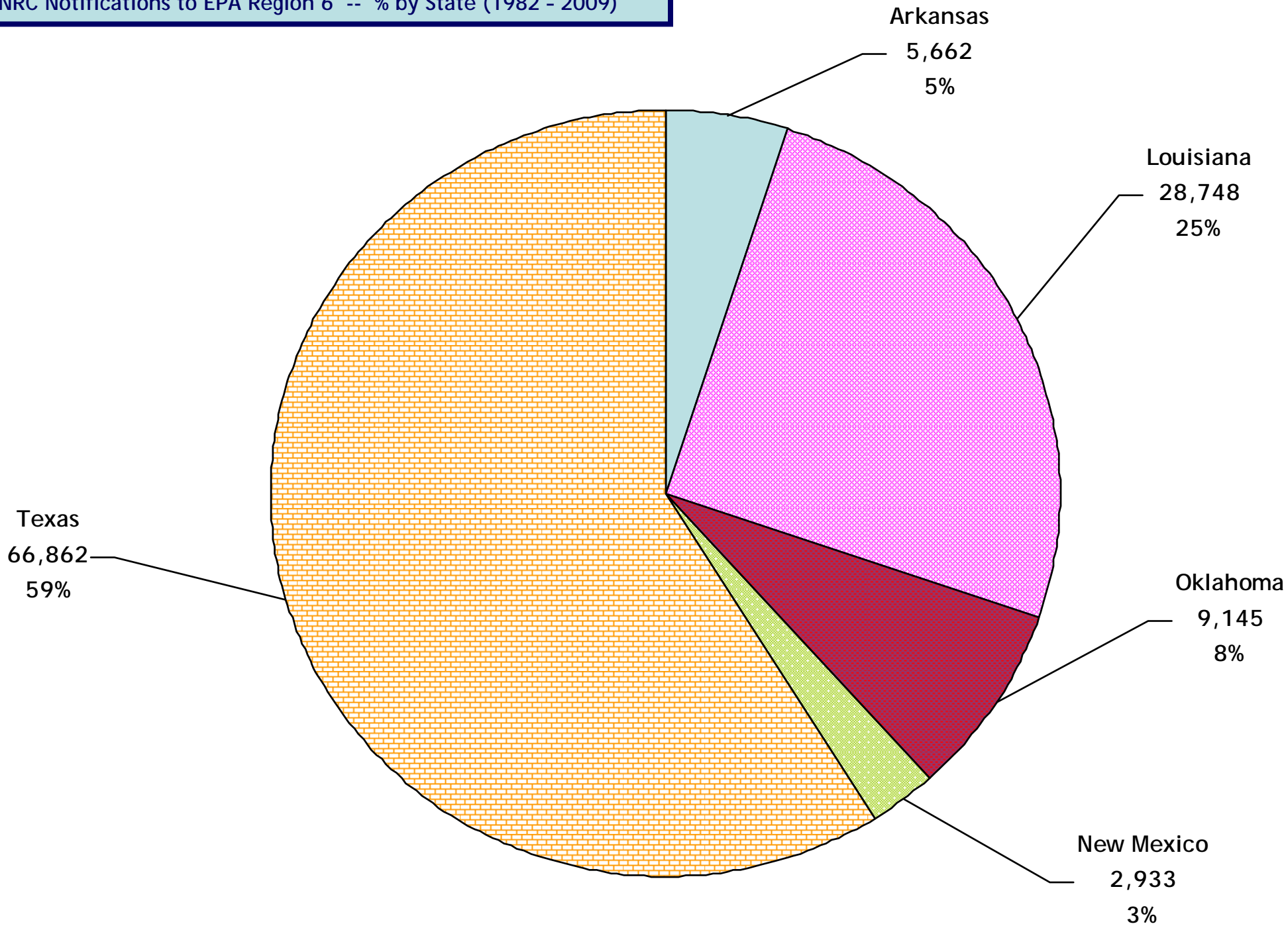


NRC Notifications to EPA Region 6 -- by Material Type (1982 - 2009)

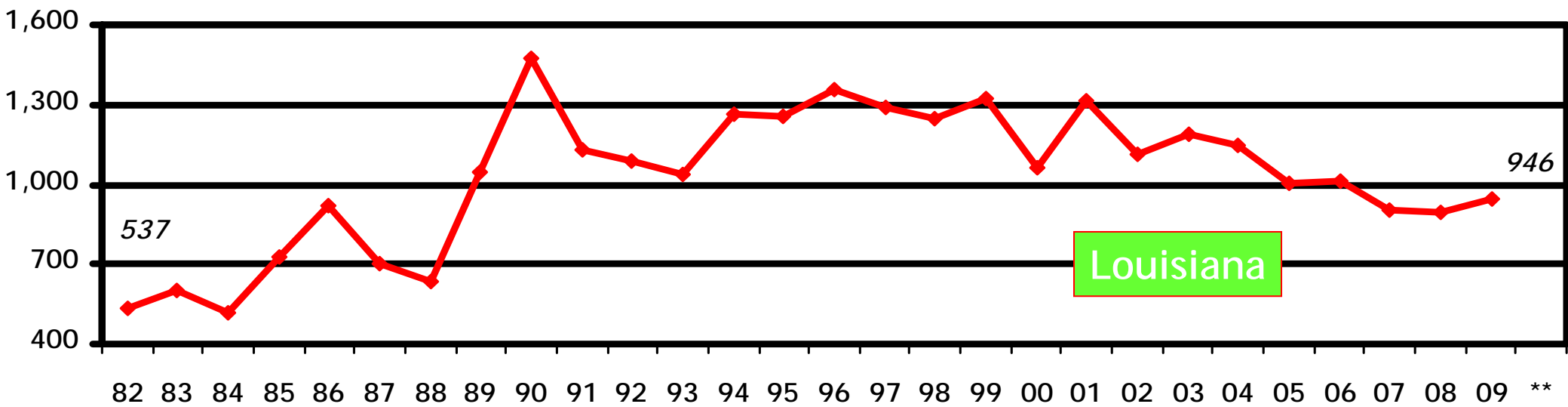
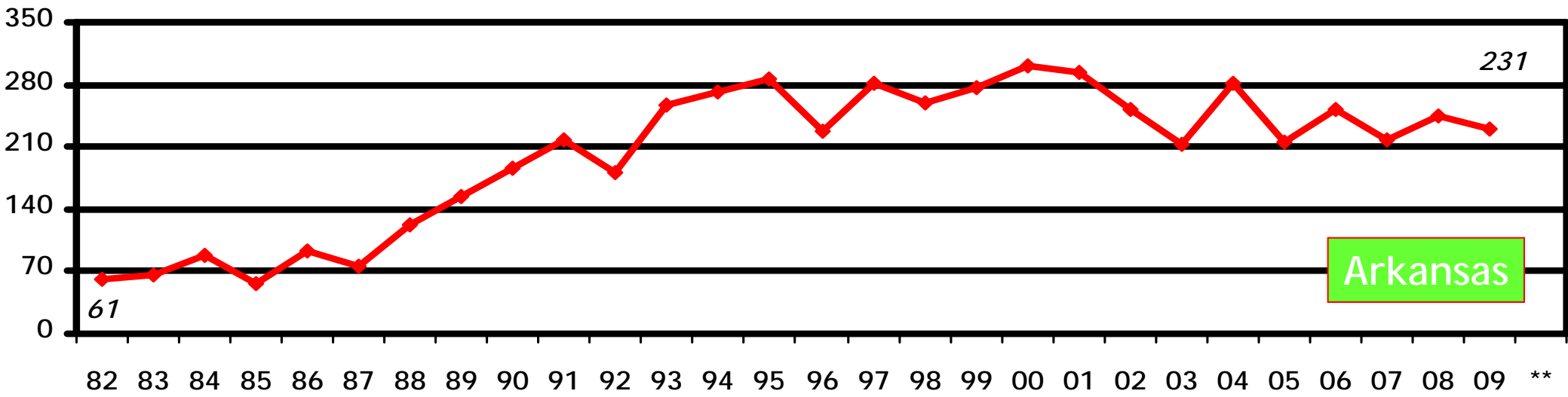


◆ Hazardous Materials
 ■ Oil / Oil Products
 ▲ Other / Unknown

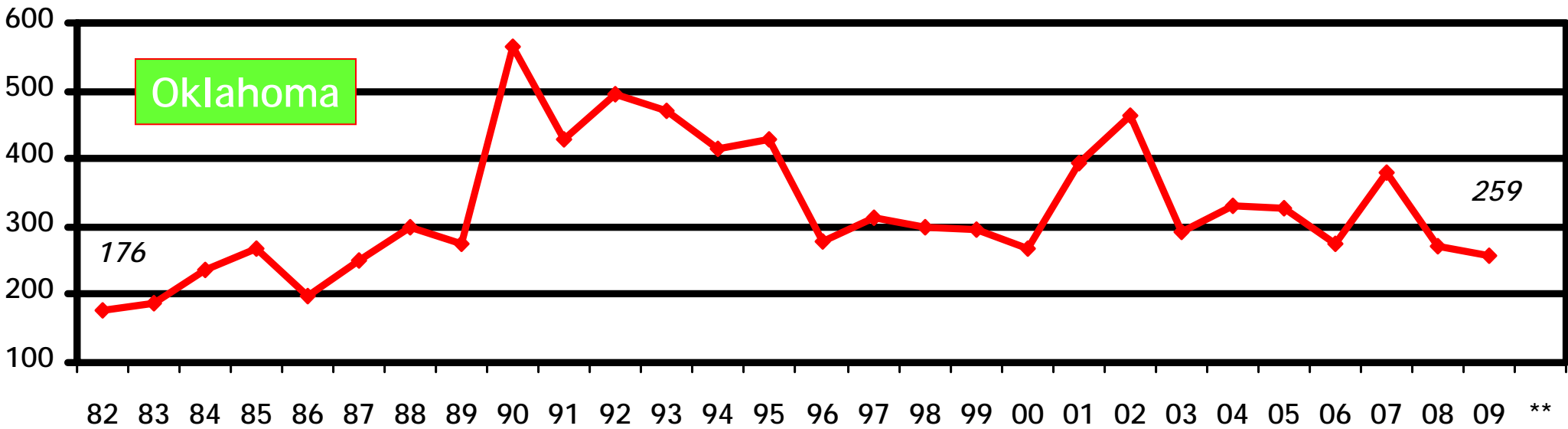
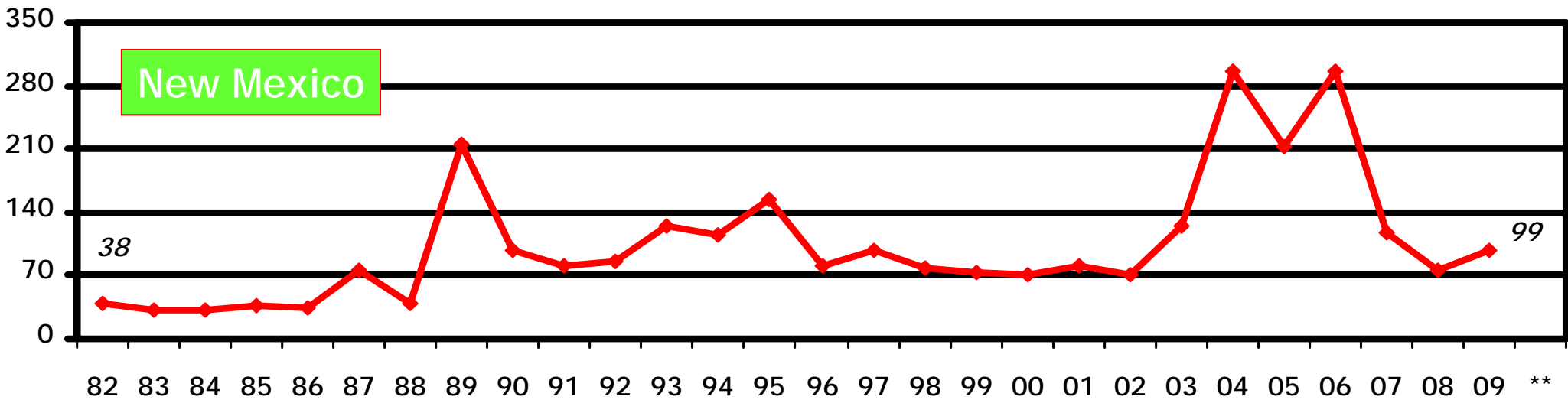
NRC Notifications to EPA Region 6 -- % by State (1982 - 2009)



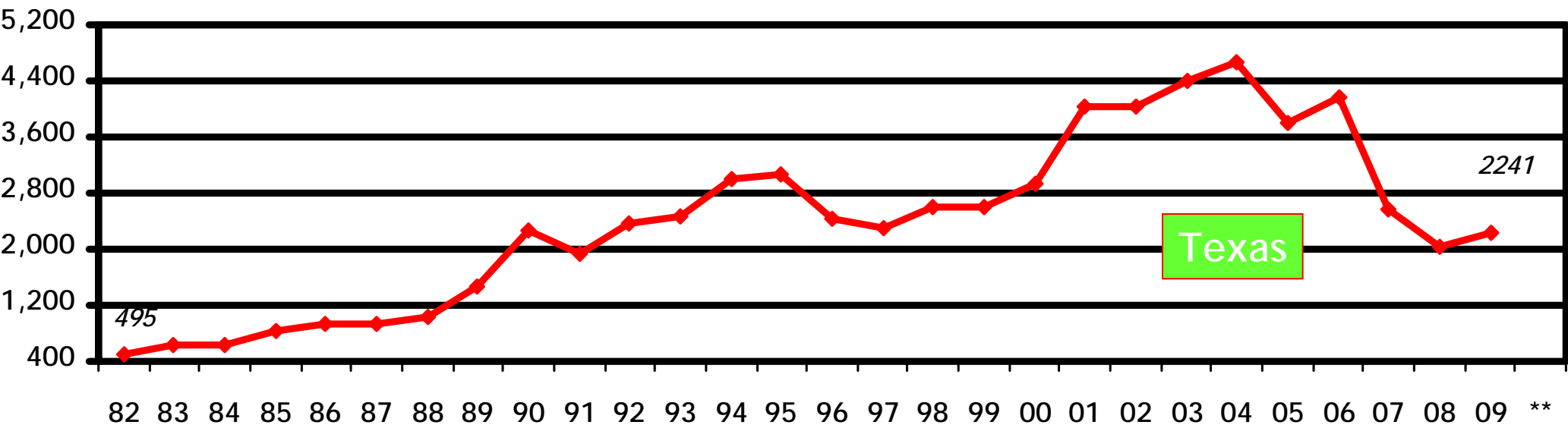
NRC Notifications to EPA Region 6 -- by State and Year (1982 - 2009)



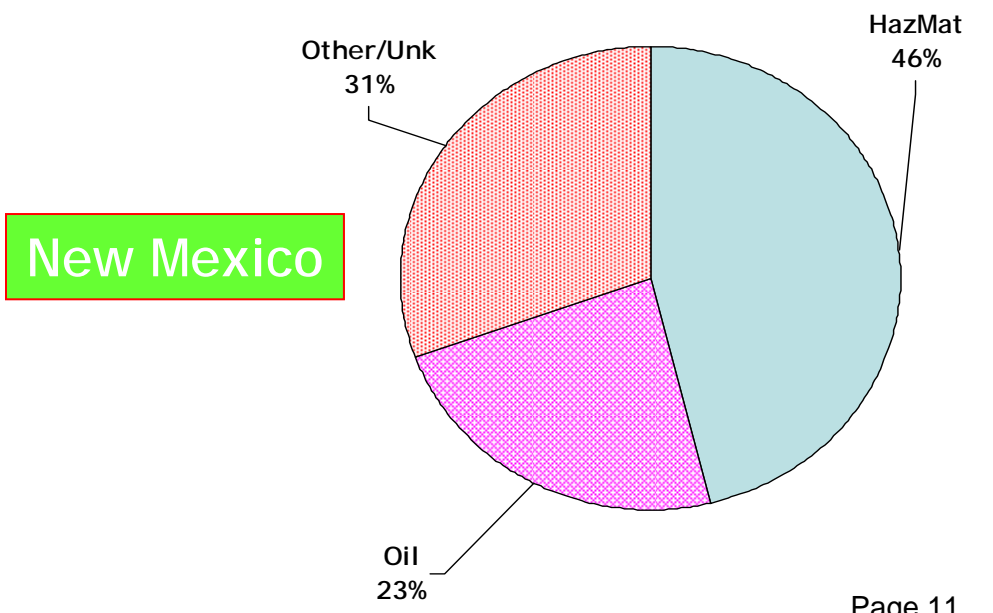
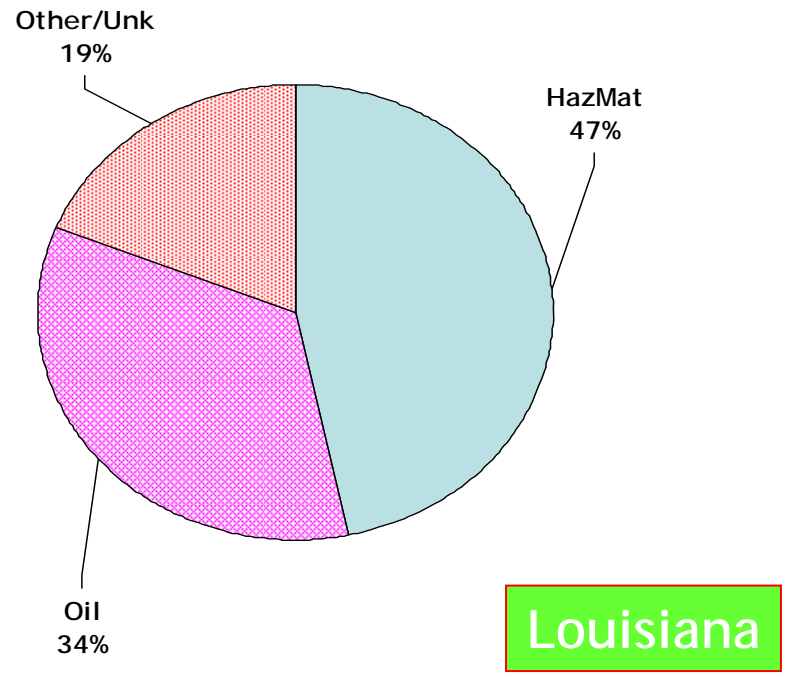
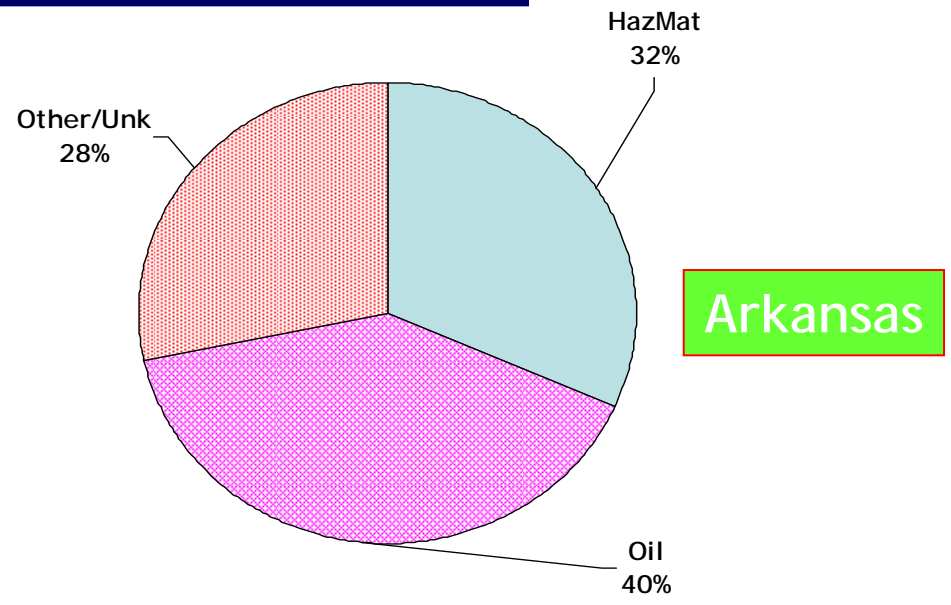
NRC Notifications to EPA Region 6 -- by State and Year (1982 - 2009)



NRC Notifications to EPA Region 6 -- by State and Year (1982 - 2009)

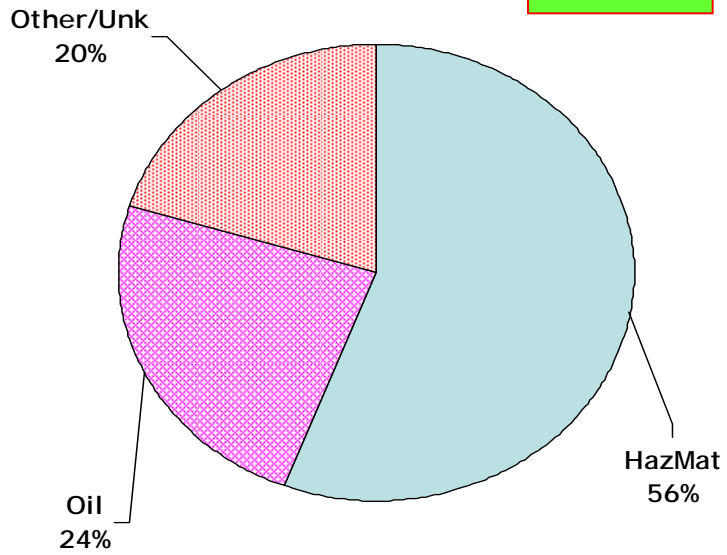


NRC Notifications to EPA Region 6 -- by Material Type & State (1982 - 2009)

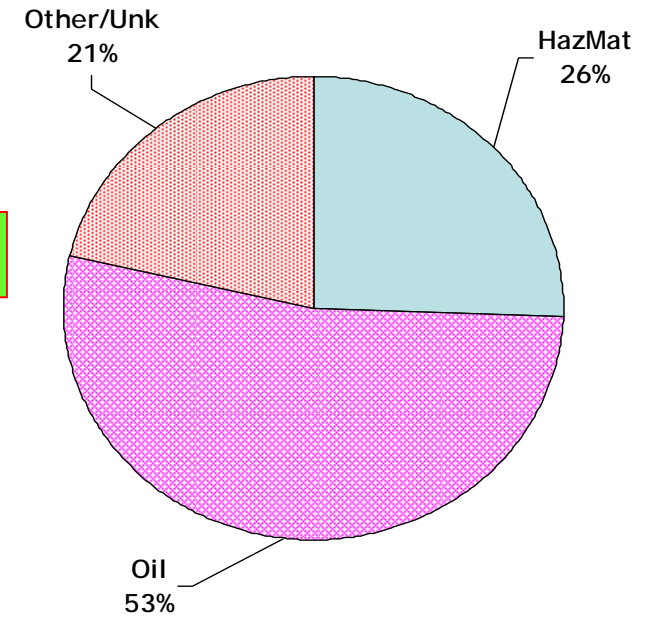


NRC Notifications to EPA Region 6 -- by Material Type & State (1982 - 2009)

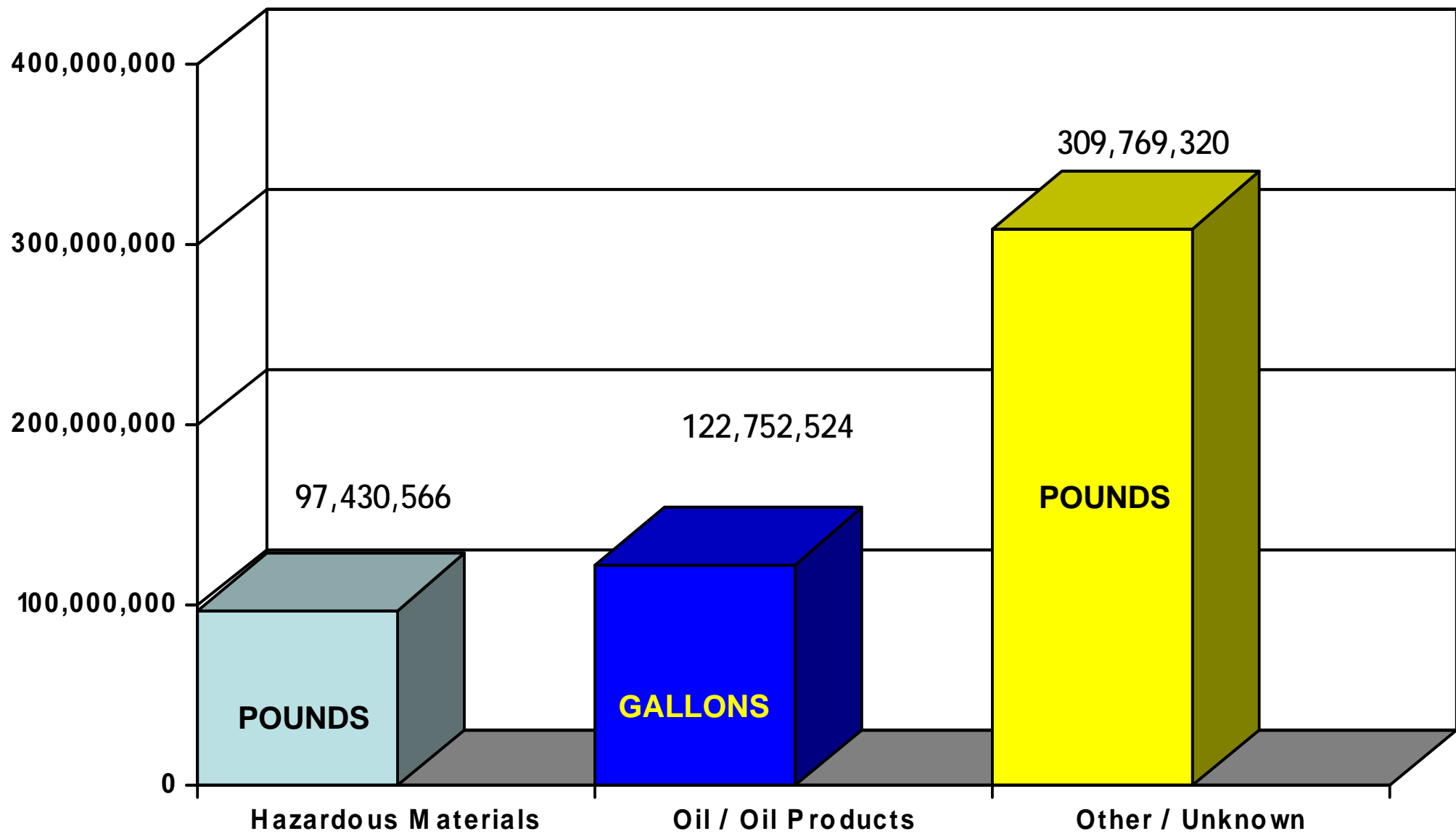
Texas

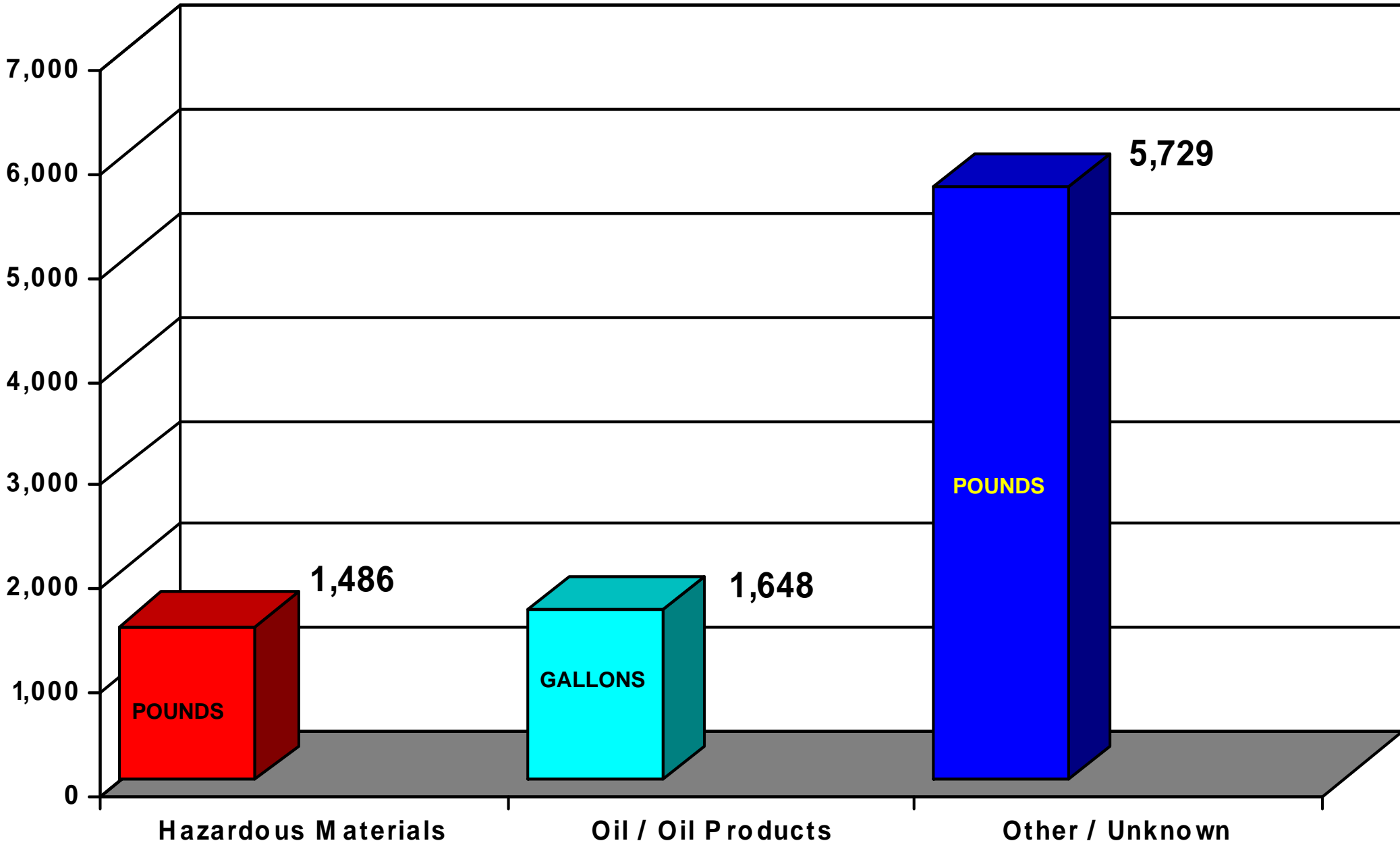


Oklahoma

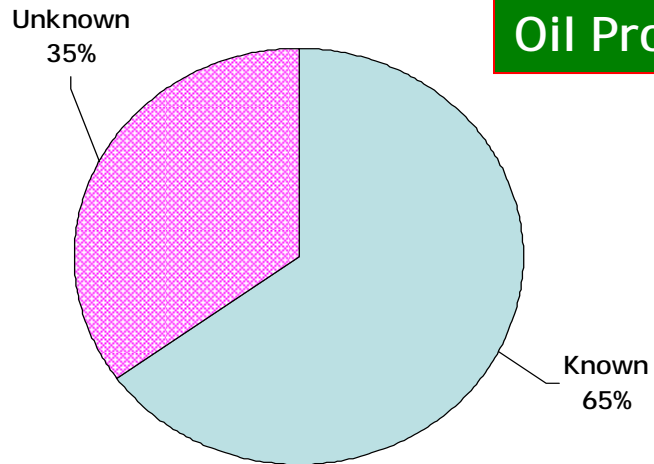


NRC Notifications to EPA Region 6 -- Total Amount Released by Type (1982 - 2009)

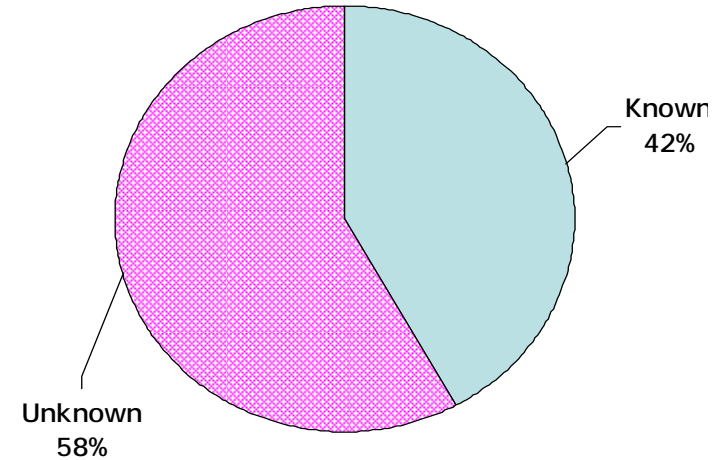




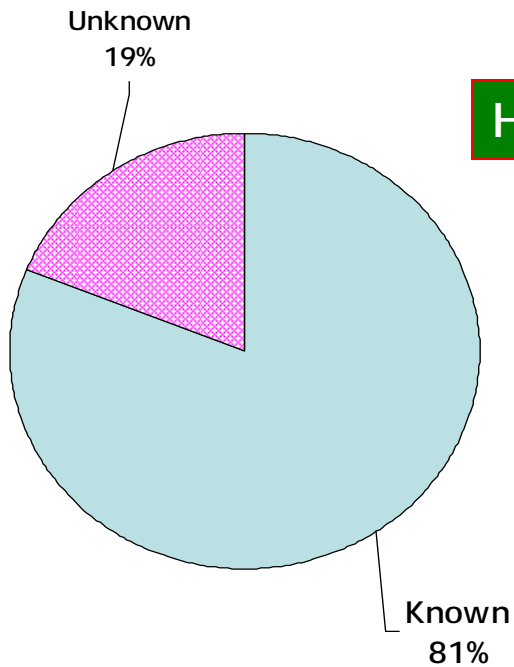
Oil Products



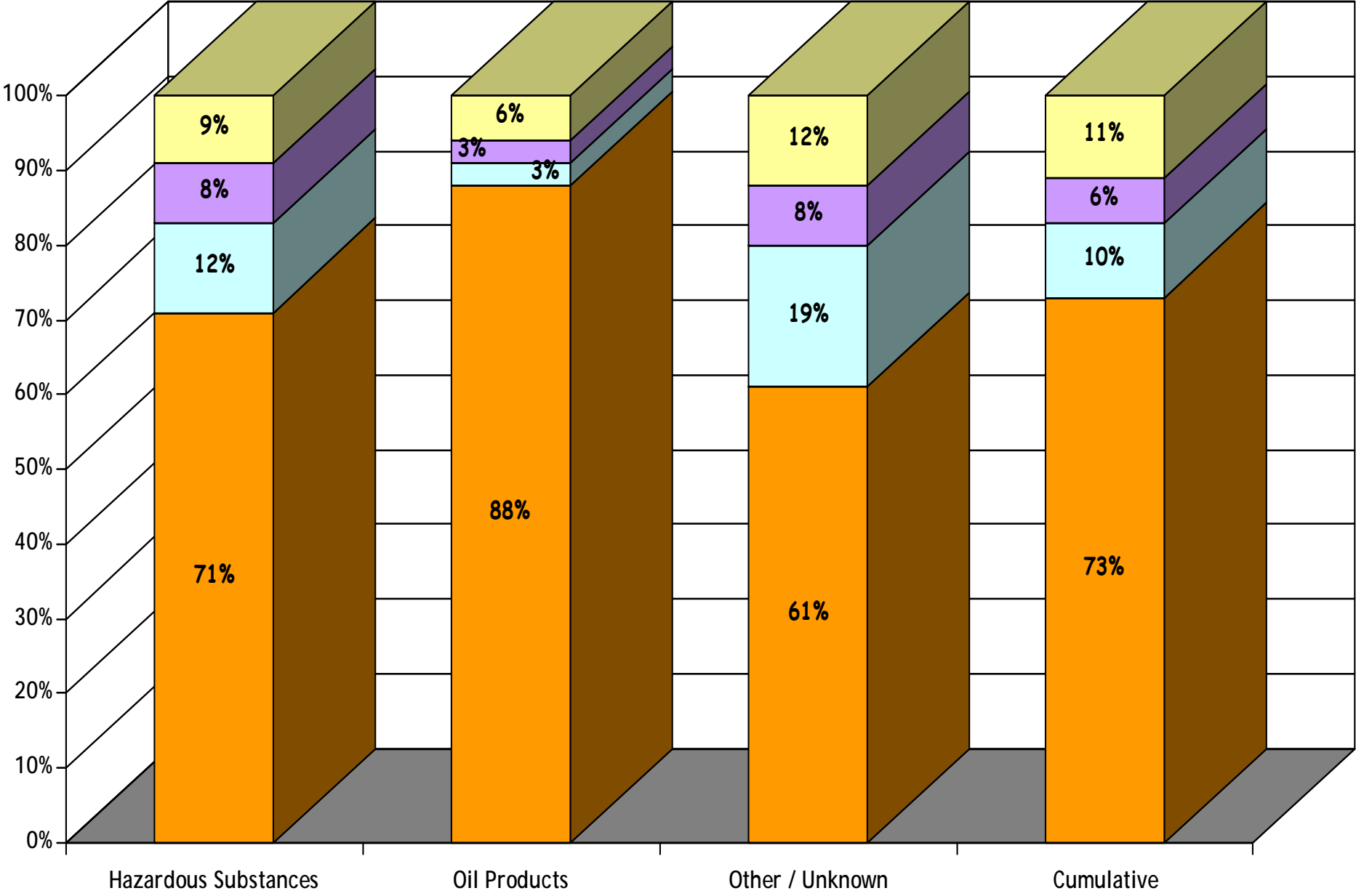
Other



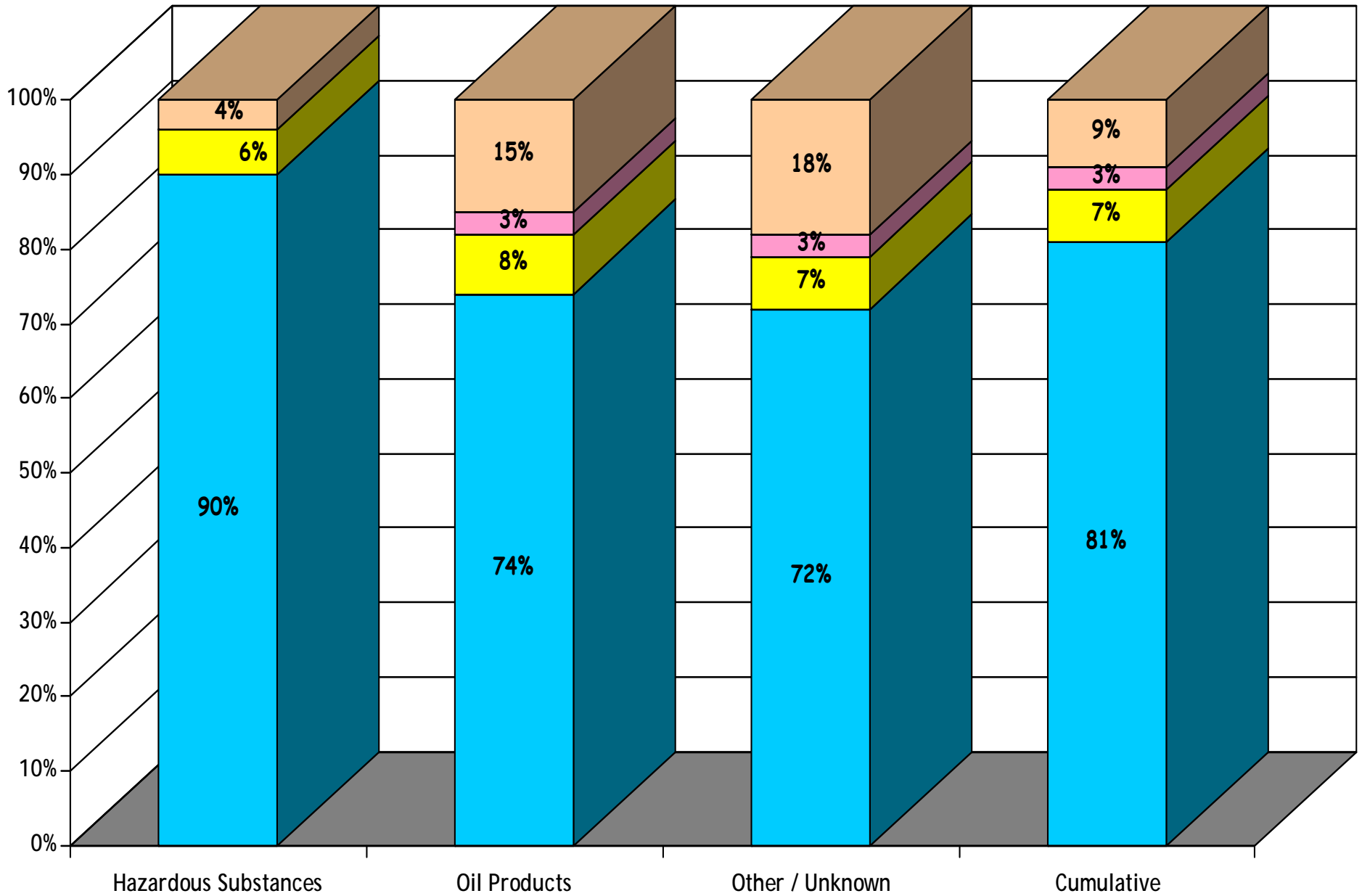
Hazardous Materials



NRC Notifications to EPA Region 6 -- Caller Status (1982 - 2009)

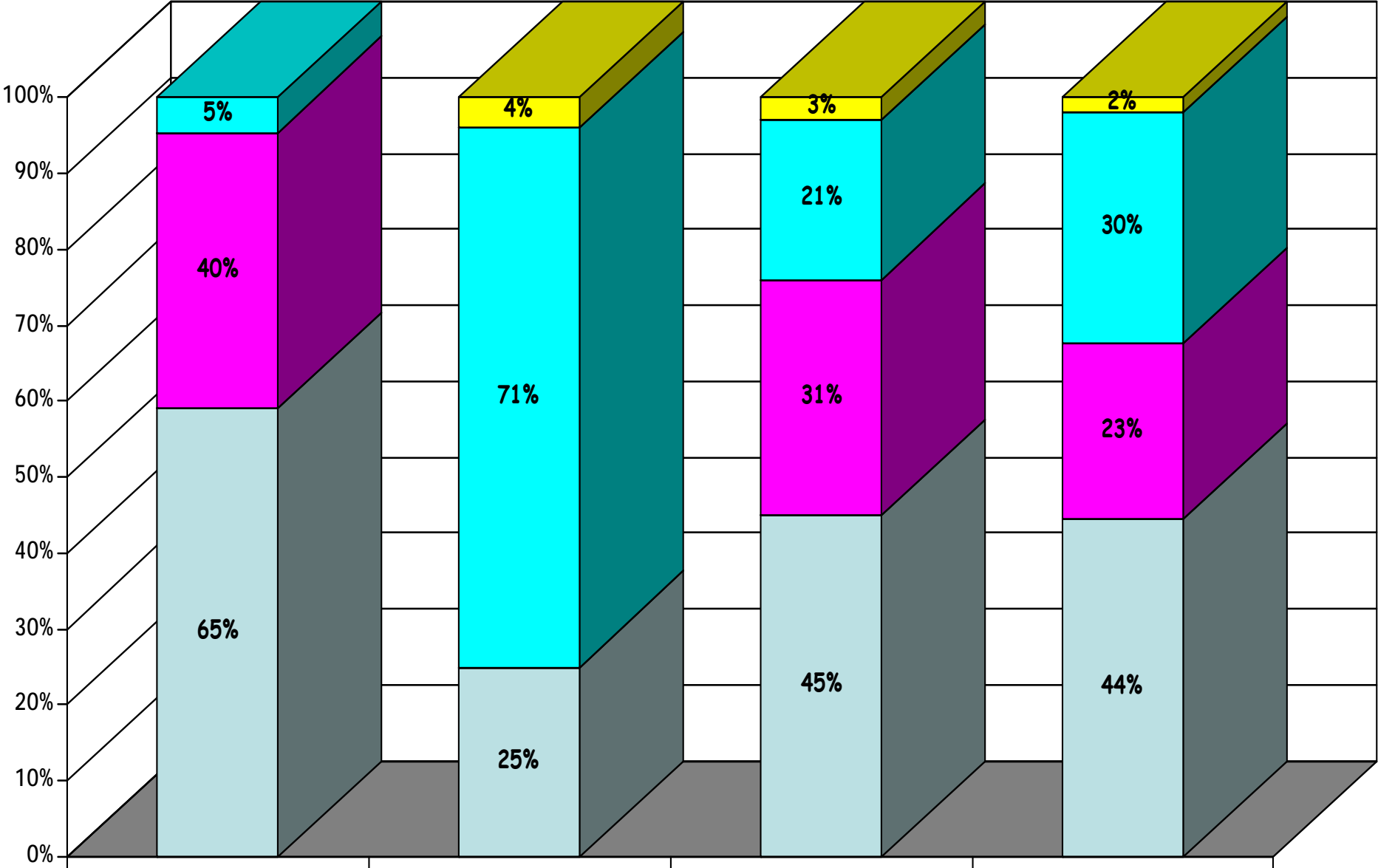


NRC Notifications to EPA Region 6 -- Discharger Status (1982 - 2009)

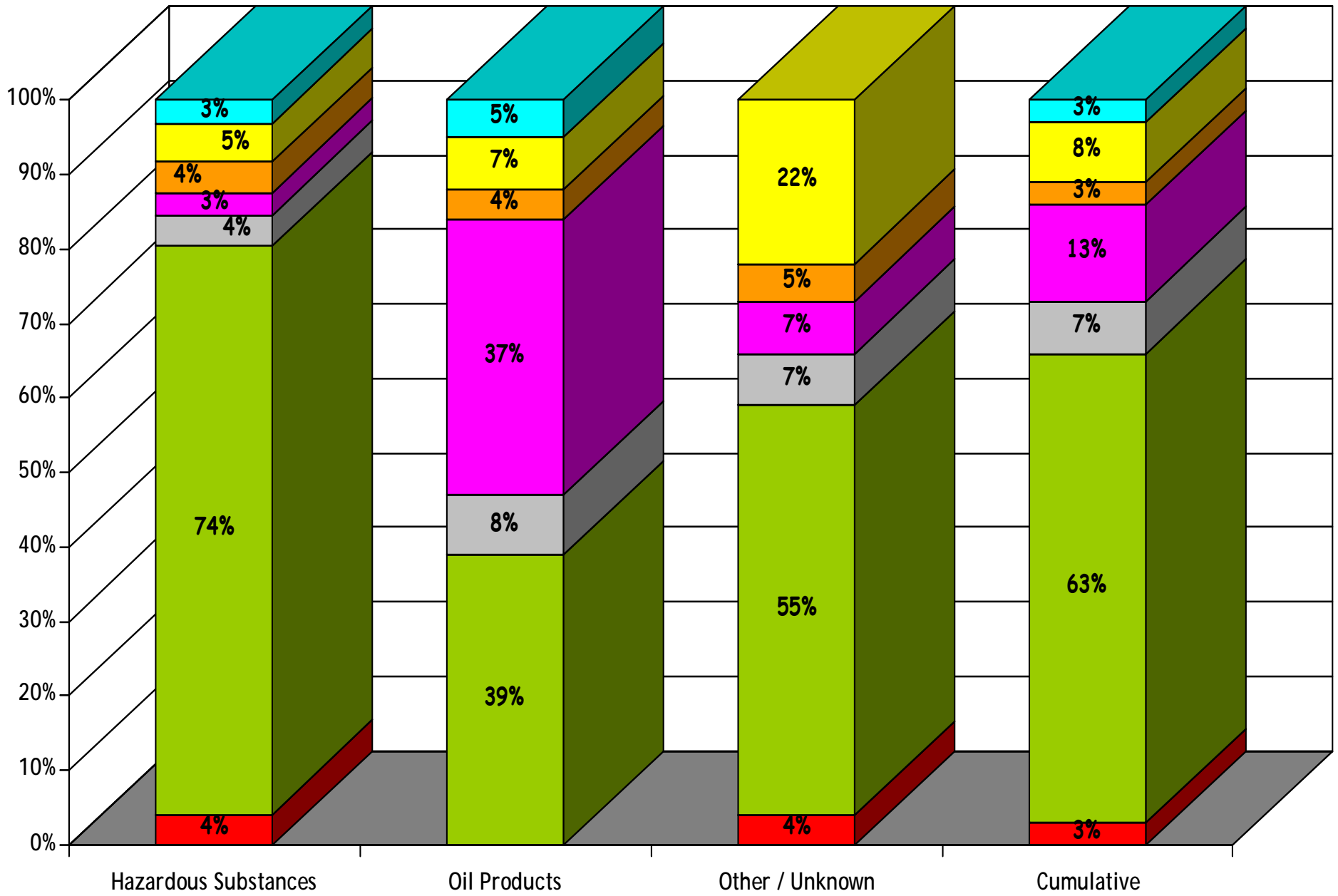


■ Discharger
 ■ Citizen
 ■ Government
 ■ Other / Unknown

NRC Notifications to EPA Region 6 -- Medium Affected (1982 - 2009)



NRC Notifications to EPA Region 6 -- Source of Release (1982 - 2009)



■ Air Transportation

■ Fixed Facility

■ Highway

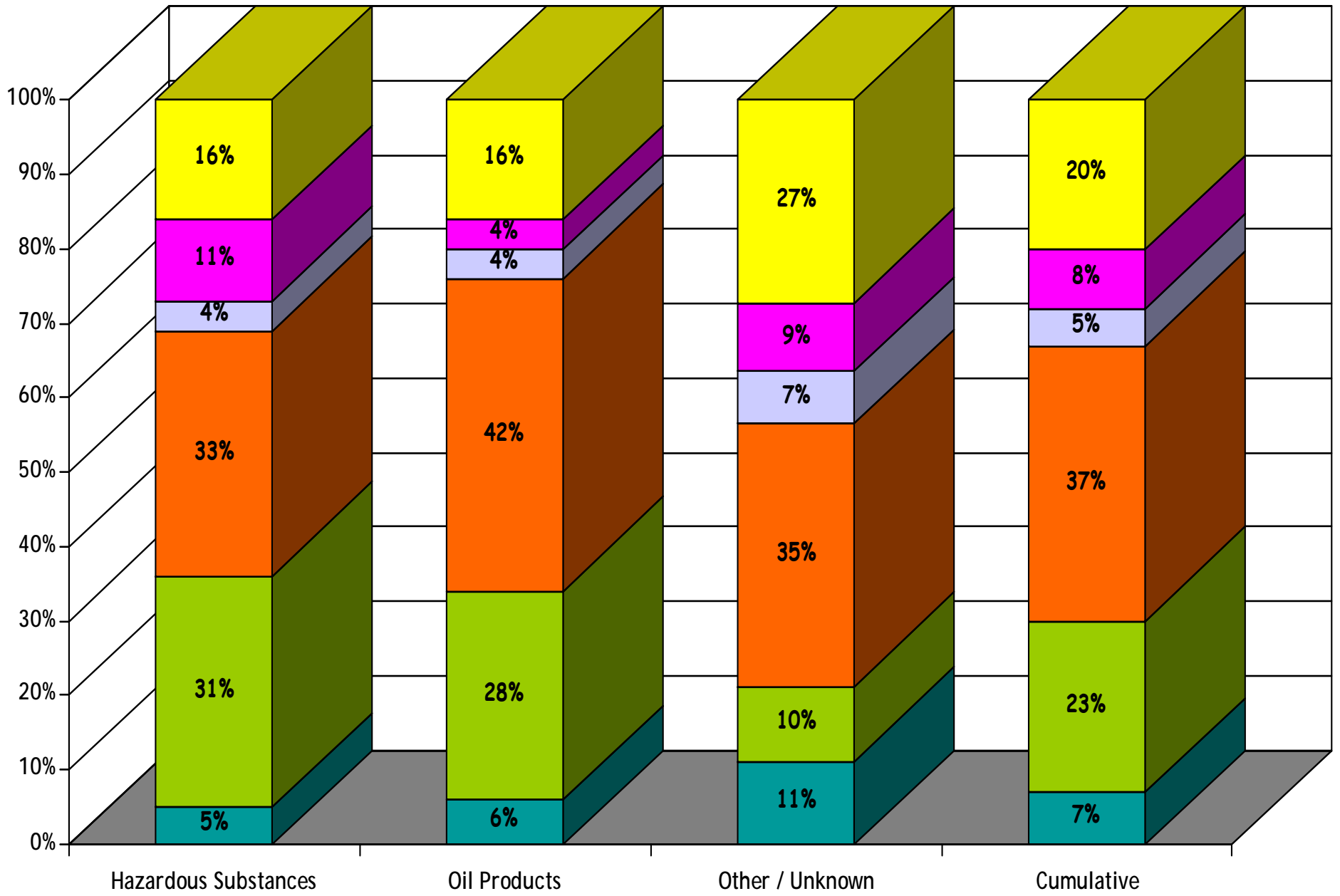
■ Pipeline

■ Railway

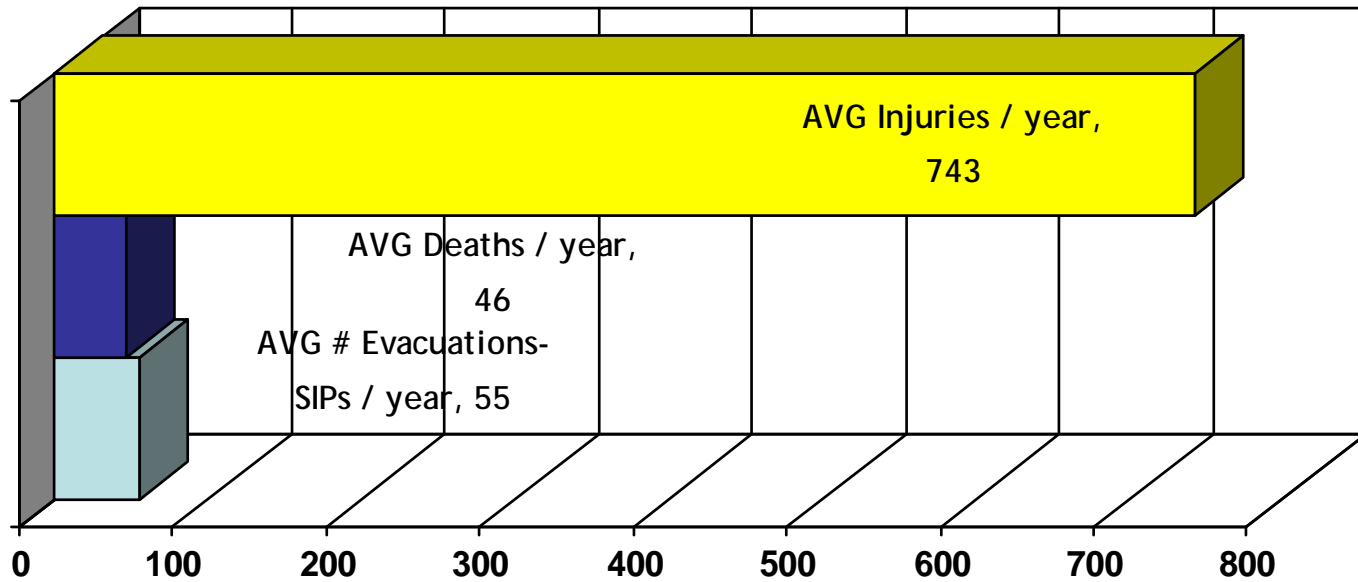
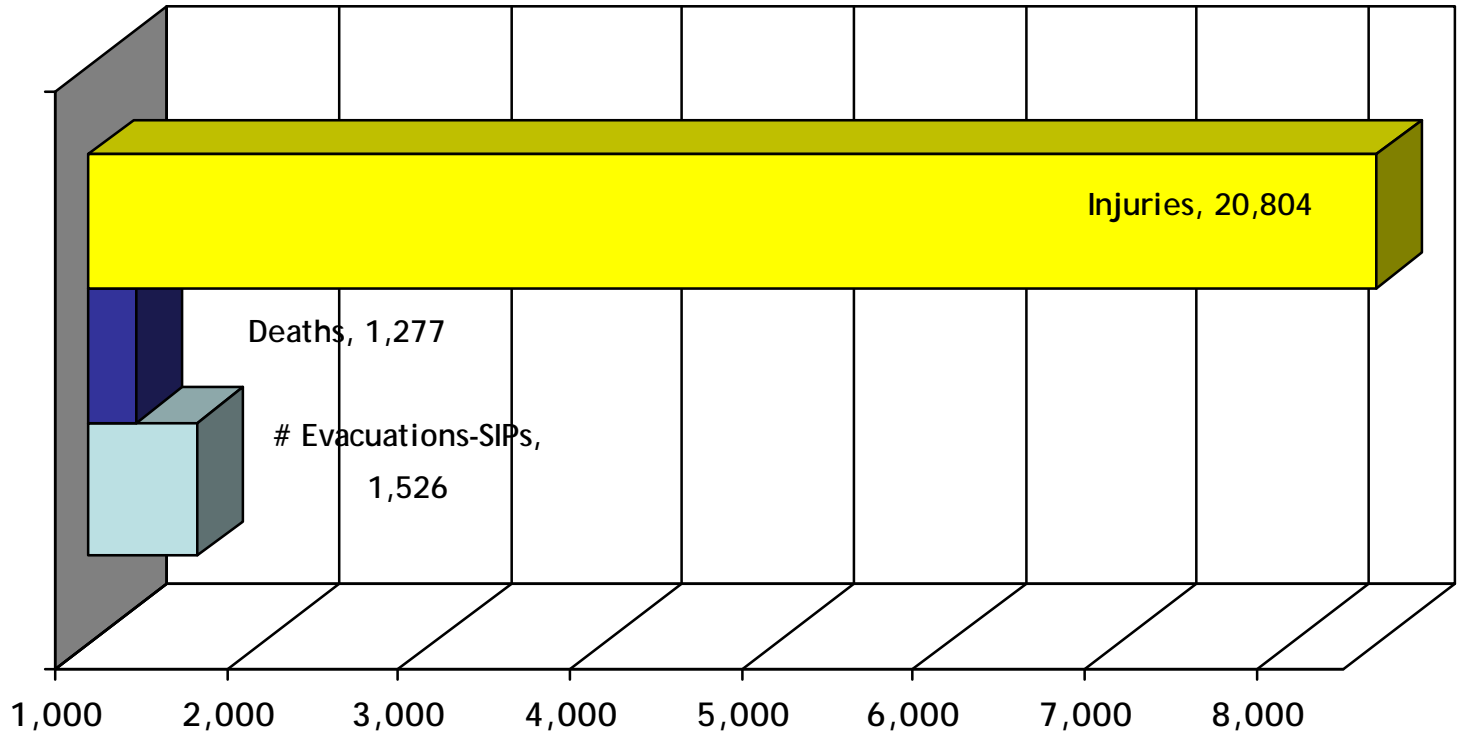
■ Unknown

■ Offshore

NRC Notifications to EPA Region 6 -- Cause of Release (1982 - 2009)



NRC Notifications to EPA Region 6 -- Significant Results Attributed to Release by Year (1982 - 2009)

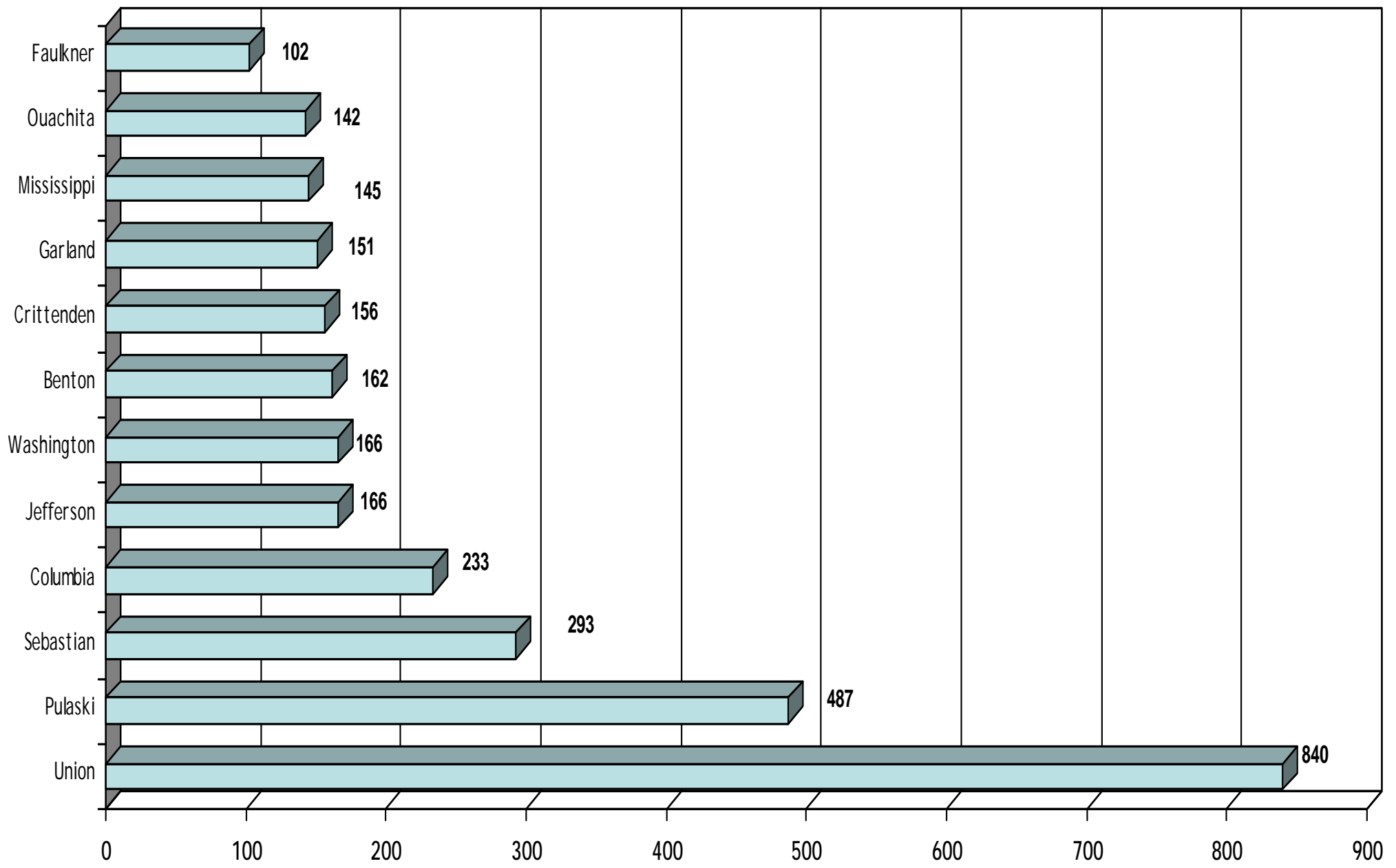


Since 1982, approximately 4.6 % of all release reports have led to a significant event (death, injury, community evacuation, shelter-in-place)

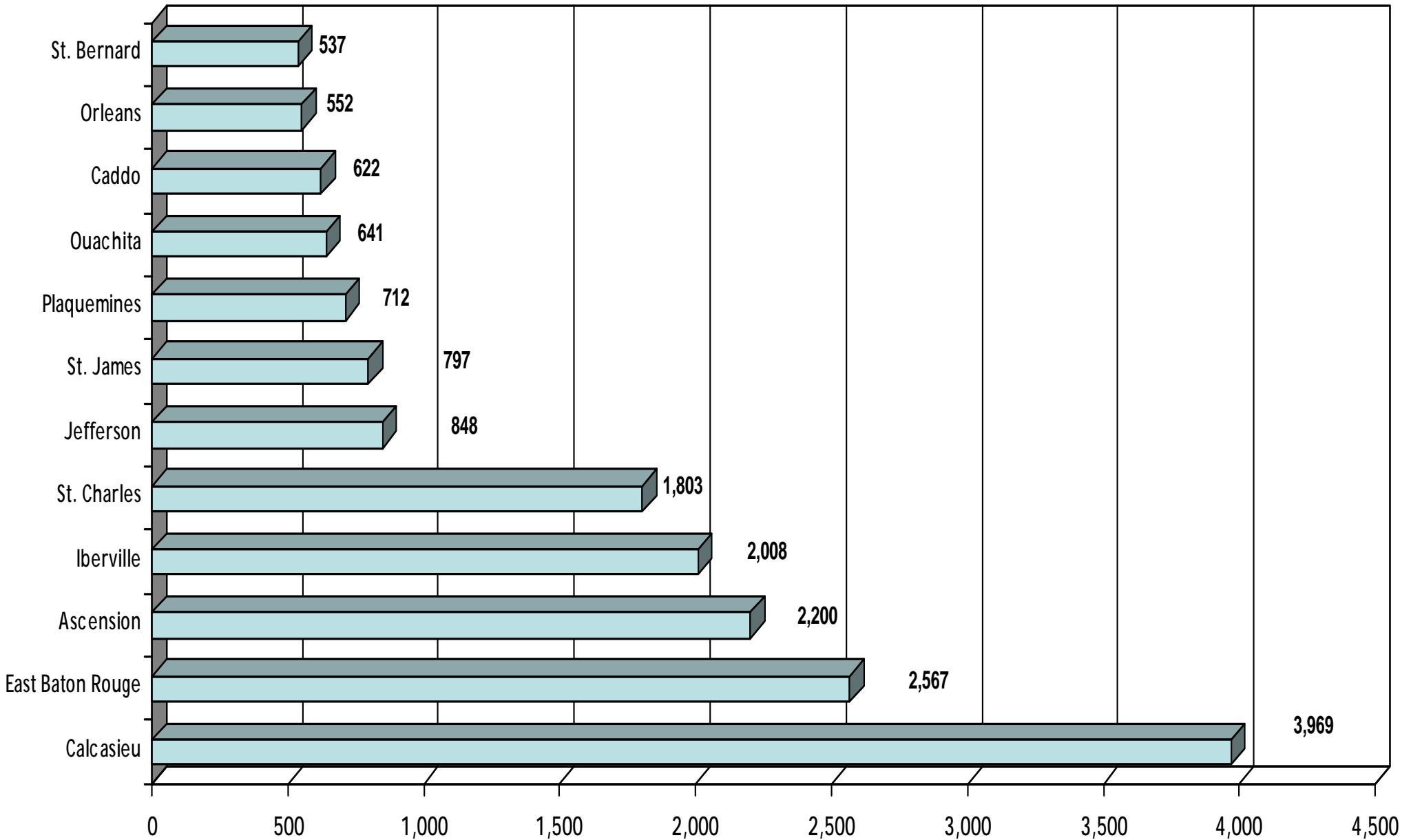
Deaths, injuries, and evacuations may not be directly due to exposure, but as a consequence of the accident resulting in the release

Since 1982, statistically there is a shelter-in-place or evacuation of a community (whole or part) due to a hazardous materials / oil incident somewhere in Region 6, on a weekly basis

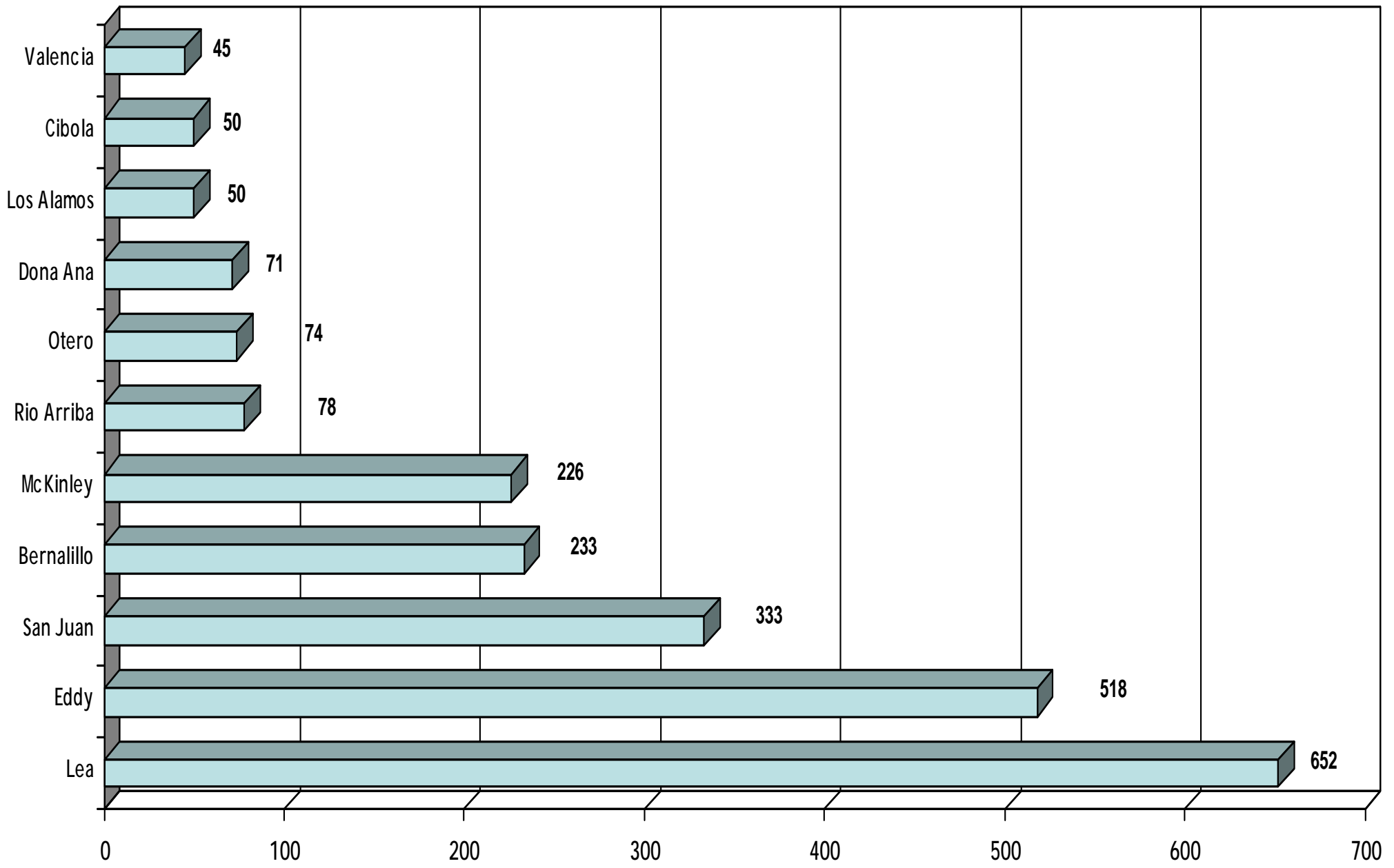
NRC Notifications to EPA Region 6 -- Top Counties : Arkansas (1982 – 2009)



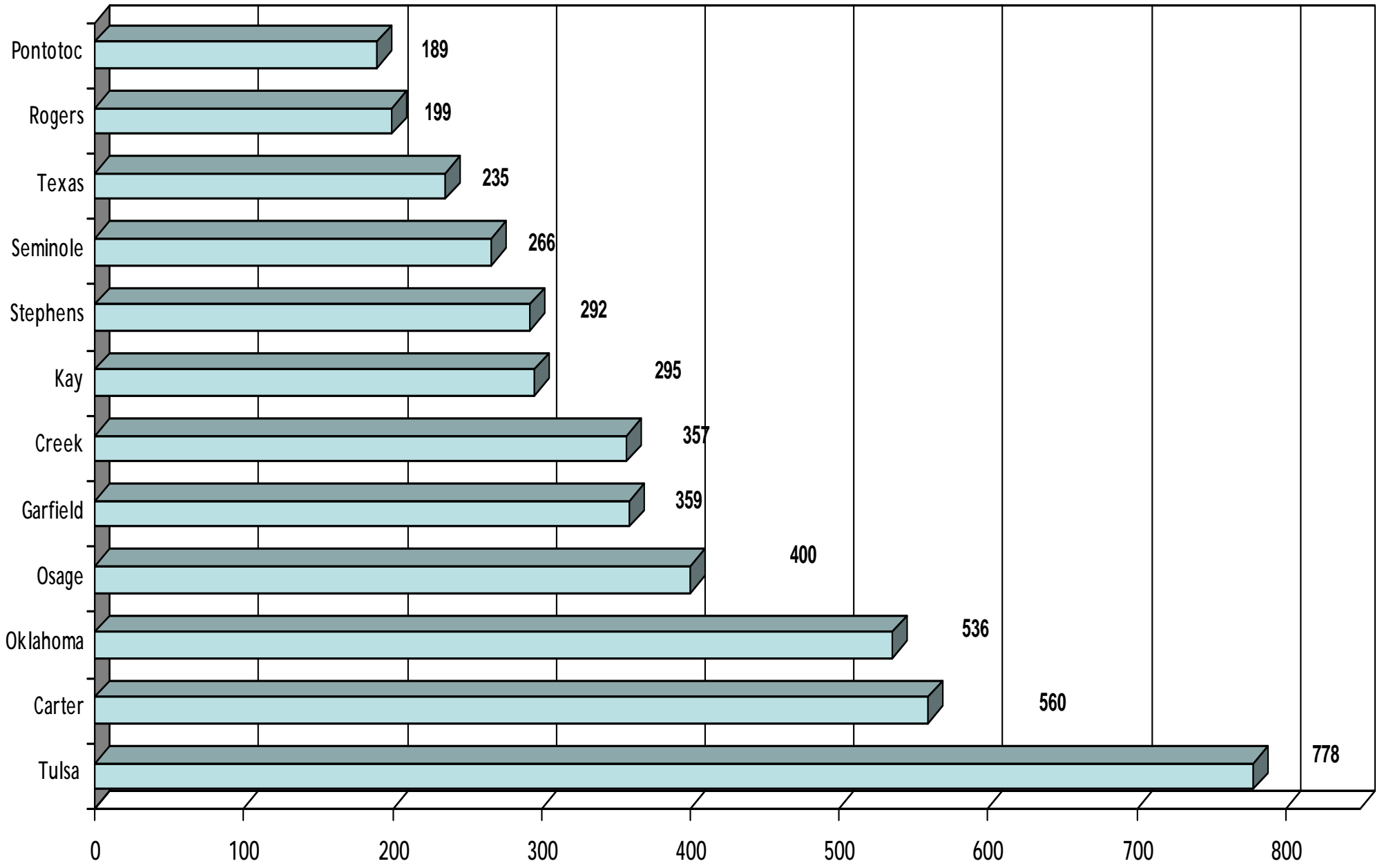
NRC Notifications to EPA Region 6 -- Top 10 Counties : Louisiana (1982 - 2009)



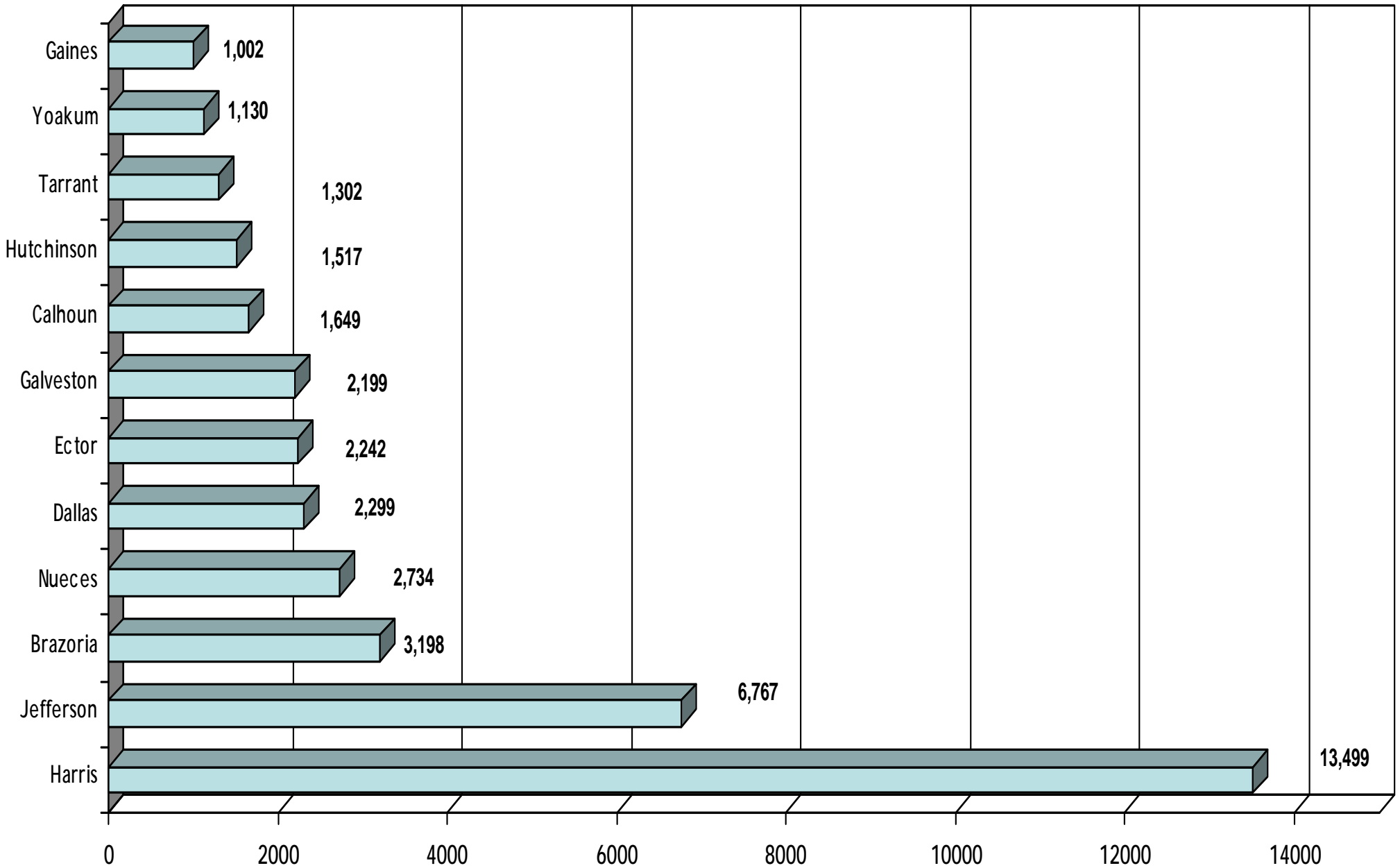
NRC Notifications to EPA Region 6 -- Top 10 Counties : New Mexico (1982 – 2009)



NRC Notifications to EPA Region 6 -- Top 10 Counties : Oklahoma (1982 - 2009)



NRC Notifications to EPA Region 6 -- Top 10 Counties : Texas (1982 - 2009)



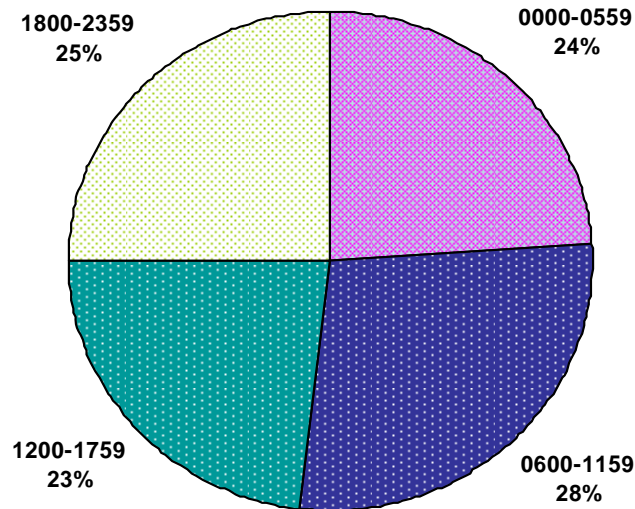
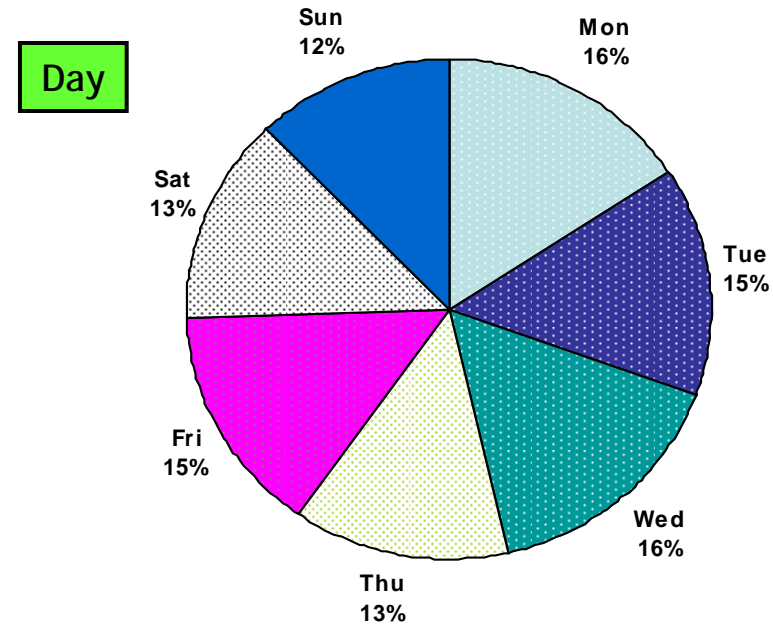
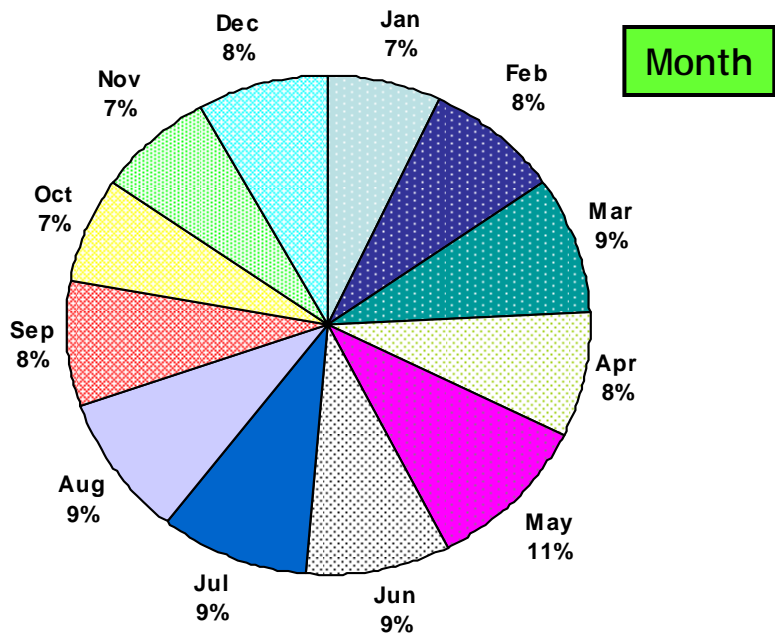
Factoid

Since 1982, more release reports to EPA through the National Response Center have originated from Harris County (Greater Houston), Texas, than 38 States

It is truly the center of the Chemical Universe !

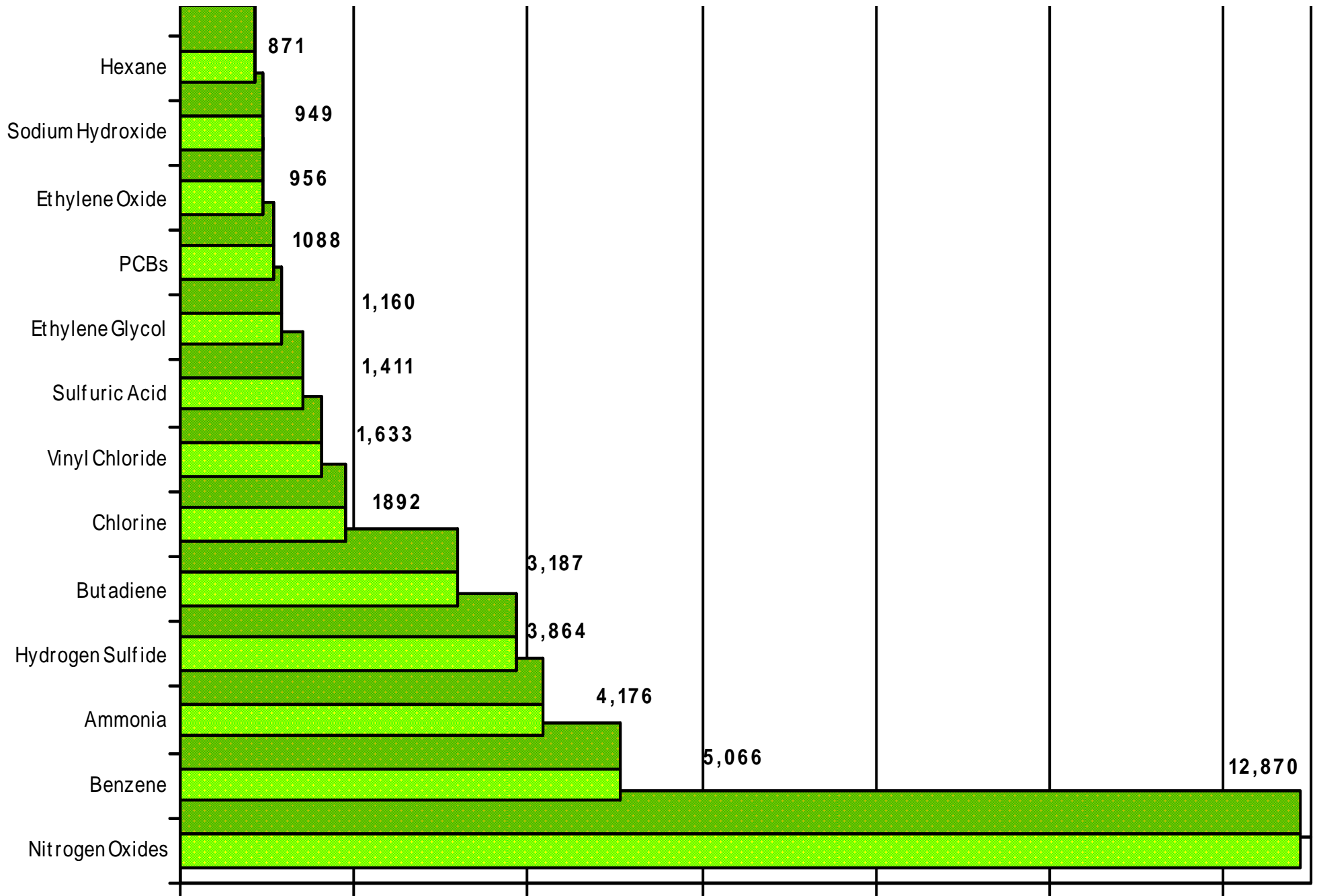


NRC Notifications to EPA Region 6 -- Releases by Month, Day, Time of Day (1982 - 2009)



Releases are distributed fairly evenly over months, days of the week, and time of day

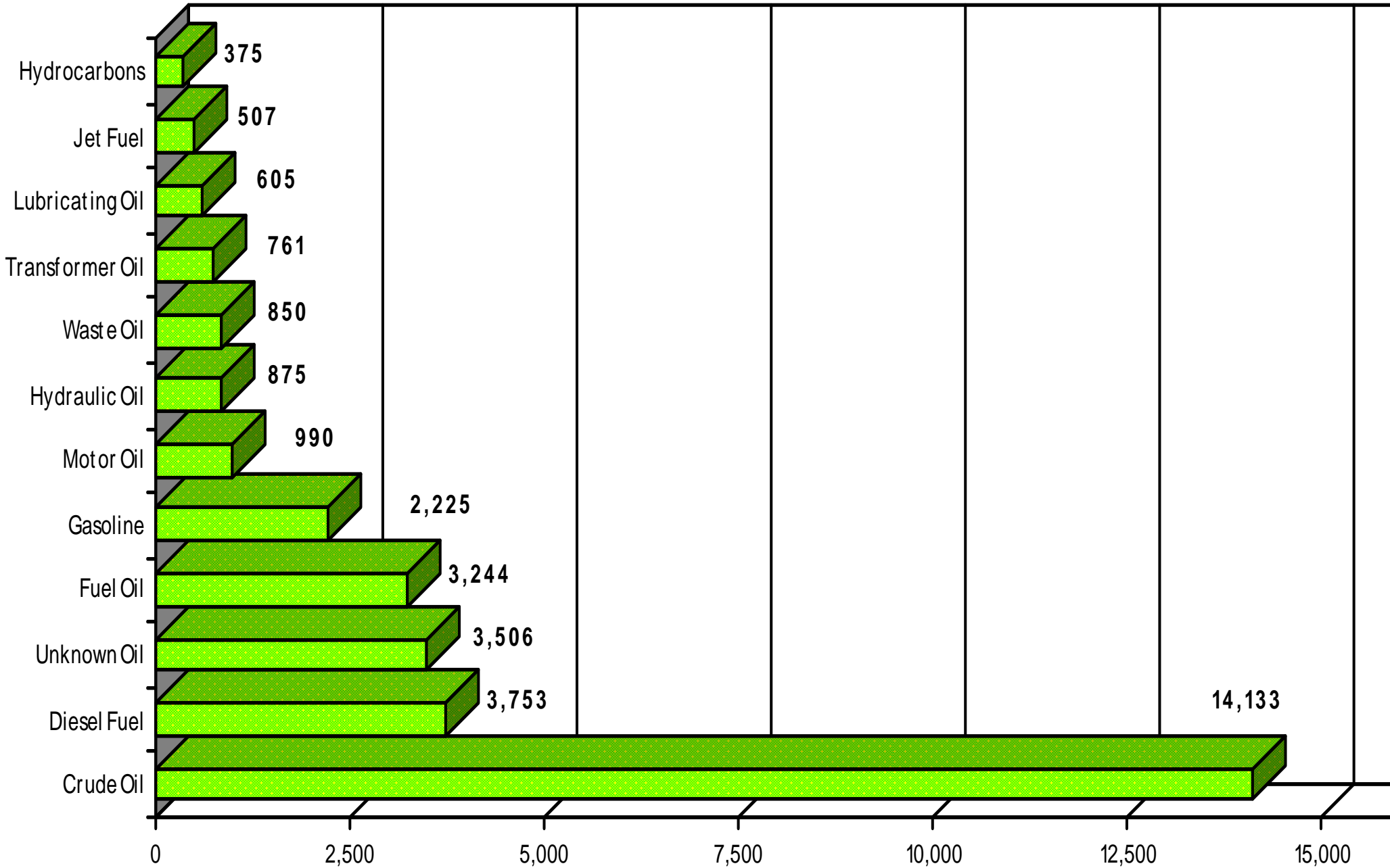
NRC Notifications to EPA Region 6 -- Top Hazardous Materials Released (1982 - 2009)



The 12 materials listed above account for 87 % of all hazardous material releases within Region 6 since 1982

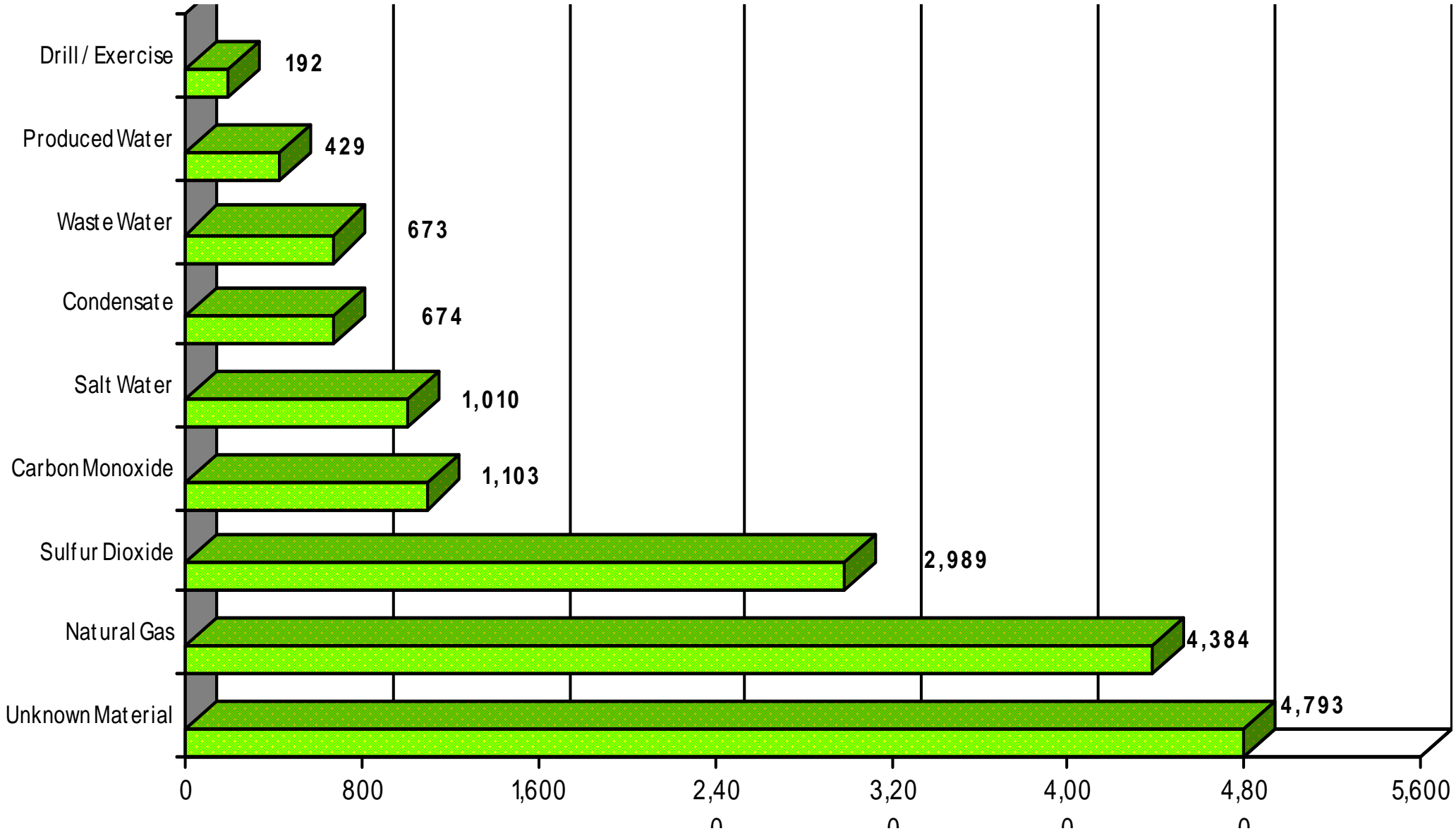
12,000

NRC Notifications to EPA Region 6 -- Top Oil / Oil Products Released (1982 - 2009)



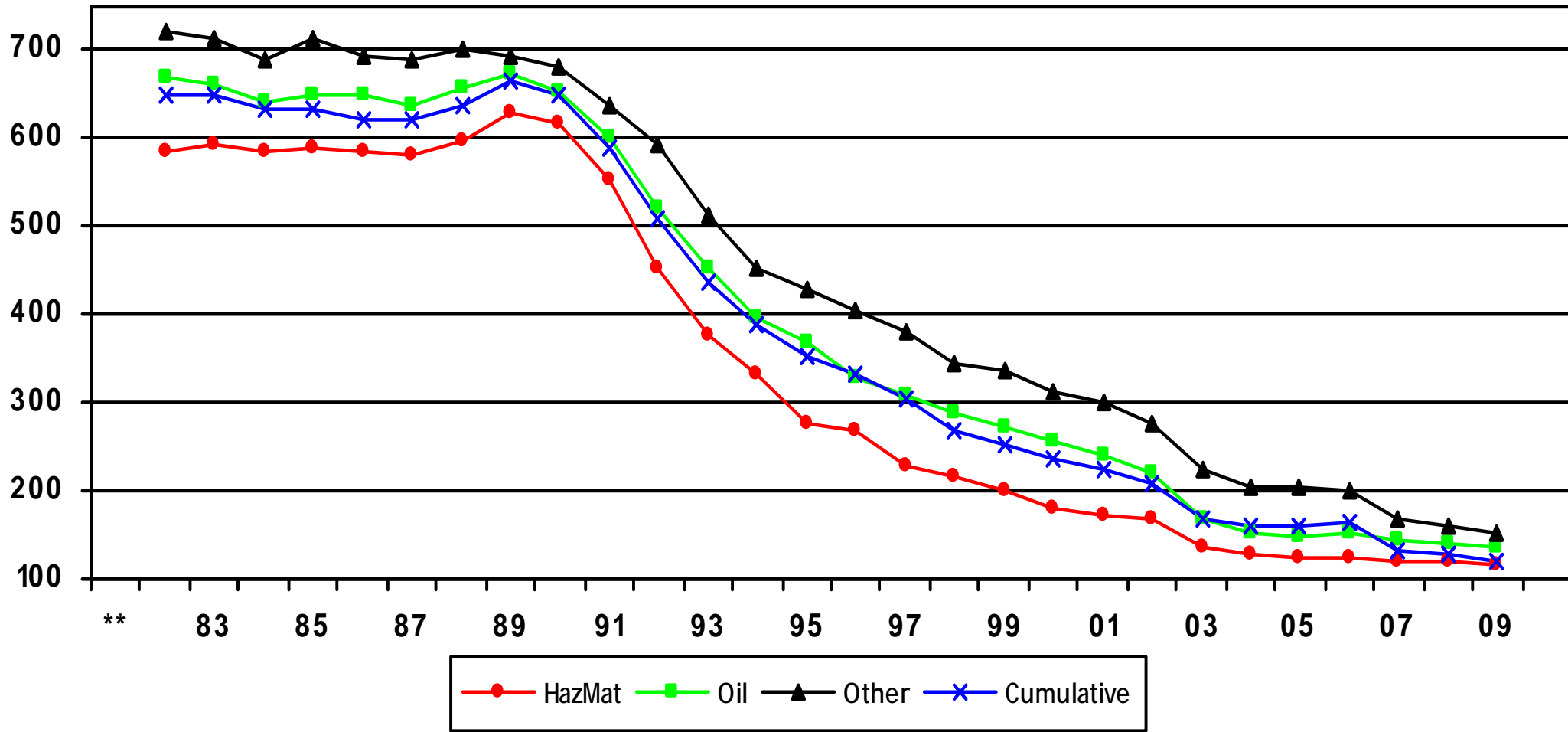
The oil / oil products listed above account for 92 % of all oil / oil product releases within Region 6 since 1982

NRC Notifications to EPA Region 6 -- Top Other Substances Released (1982 - 2009)



The materials listed above account for 67 % of all other material releases within Region 6 since 1982

NRC Notifications to EPA Region 6 -- Time from Release to Reported to NRC -- by Year (1982 - 2009)



Hazardous Substances: 585 to 116 minutes	Other / Unknown: 721 to 154 minutes
Oil / Oil Products: 668 to 137 minutes	Cumulative: 650 to 121 minutes

This above indicated decrease over the years can be associated with an aggressive and extensive outreach program under CERCLA, EPCRA, and OPA, as well as a strong Regional enforcement program

NRC Notifications to EPA Region 6 -- Total by County / Parish :: Arkansas (1982 - 2009)

COUNTY	TOTAL		COUNTY	TOTAL		COUNTY	TOTAL		COUNTY	TOTAL
ARKANSAS	28		DALLAS	10		LEE	8		POPE	89
ASHLEY	55		DESHA	30		LINCOLN	12		PRAIRIE	15
BAXTER	33		DREW	13		LITTLE RIVER	81		PULASKI	487
BENTON	162		FAULKNER	102		LOGAN	26		RANDOLPH	14
BOONE	28		FRANKLIN	45		LONOKE	39		SALINE	95
BRADLEY	21		FULTON	19		MADISON	21		SCOTT	25
CALHOUN	12		GARLAND	151		MARION	22		SEARCY	16
CARROLL	77		GRANT	13		MILLER	95		SEBASTIAN	293
CHICOT	15		GREENE	49		MISSISSIPPI	145		SEVIER	27
CLARK	42		HEMPSTEAD	45		MONROE	19		SHARP	20
CLAY	25		HOT SPRING	87		MONTGOMERY	13		ST. FRANCIS	36
CLEBURNE	32		HOWARD	18		NEVADA	29		STONE	6
CLEVELAND	8		INDEPENDENCE	69		NEWTON	3		UNION	840
COLUMBIA	233		IZARD	12		OUACHITA	142		VAN BUREN	24
CONWAY	35		JACKSON	29		PERRY	6		WASHINGTON	166
CRAIGHEAD	101		JEFFERSON	166		PHILLIPS	62		WHITE	83
CRAWFORD	86		JOHNSON	27		PIKE	8		WOODRUFF	14
CRITTENDEN	156		LAFAYETTE	50		POINSETT	30		YELL	32
CROSS	52		LAWRENCE	33		POLK	40			

NRC Notifications to EPA Region 6 -- Total by County / Parish :: Louisiana (1982 – 2009)

COUNTY	TOTAL	COUNTY	TOTAL	COUNTY	TOTAL	COUNTY	TOTAL
ACADIA	248	EAST BATON ROUGE	2567	MADISON	18	ST. LANDRY	286
ALLEN	46	EAST CARROLL	10	MOREHOUSE	58	ST. MARTIN	467
ASCENSION	2200	EAST FELICIANA	20	NATCHITOCHE	58	ST. MARY	378
ASSUMPTION	190	EVANGELINE	60	ORLEANS	552	ST. TAMMANY	267
AVOUELLES	59	FRANKLIN	23	OUACHITA	641	TANGIPAHOA	133
BEAUREGARD	128	GRANT	64	PLAQUEMINES	712	TENSAS	16
BIENVILLE	50	IBERIA	302	POINTE COUPEE	108	TERREBONNE	284
BOSSIER	195	IBERVILLE	2008	RAPIDES	150	UNION	49
CADDO	622	JACKSON	18	RED RIVER	17	VERMILION	338
CALCASIEU	3969	JEFFERSON	848	RICHLAND	21	VERNON	82
CALDWELL	14	JEFFERSON DAVIS	135	SABINE	20	WASHINGTON	93
CAMERON	184	LA SALLE	185	ST. BERNARD	537	WEBSTER	121
CATAHOULA	56	LAFAYETTE	287	ST. CHARLES	1803	WEST BATON ROUGE	423
CLAIBORNE	124	LAFOURCHE	422	ST. HELENA	22	WEST CARROLL	9
CONCORDIA	60	LINCOLN	50	ST. JAMES	797	WEST FELICIANA	43
DESOTO	88	LIVINGSTON	98	ST. JOHN THE BAPTIST	369	WINN	30

NRC Notifications to EPA Region 6 -- Total by County / Parish :: New Mexico (1982 – 2009)

COUNTY	TOTAL		COUNTY	TOTAL		COUNTY	TOTAL
BERNALILLO	233		HARDING	2		ROOSEVELT	22
CATRON	2		HIDALGO	33		SAN JUAN	333
CHAVES	31		LEA	652		SAN MIGUEL	18
CIBOLA	50		LINCOLN	16		SANDOVAL	27
COLFAX	12		LOS ALAMOS	50		SANTA FE	38
CURRY	43		LUNA	16		SIERRA	14
DE BACA	9		MCKINLEY	226		SOCORRO	15
DONA ANA	71		MORA	5		TAOS	9
EDDY	518		OTERO	74		TORRANCE	10
GRANT	31		QUAY	22		UNION	6
GUADALUPE	16		RIO ARRIBA	78		VALENCIA	45

NRC Notifications to EPA Region 6 -- Total by County / Parish :: Oklahoma (1982 – 2009)

COUNTY	TOTAL	COUNTY	TOTAL	COUNTY	TOTAL	COUNTY	TOTAL
ADAIR	8	CUSTER	43	LEFLORE	59	PAWNEE	71
ALFALFA	16	DELAWARE	24	LINCOLN	118	PAYNE	161
ATOKA	26	DEWEY	28	LOGAN	59	PITTSBURG	92
BEAVER	71	ELLIS	15	LOVE	38	PONTOTOC	189
BECKHAM	72	GARFIELD	359	MAJOR	134	POTTAWATOMIE	174
BLAINE	16	GARVIN	183	MARSHALL	32	PUSHMATAHA	11
BRYAN	44	GRADY	99	MAYES	65	ROGER MILLS	21
CADDO	87	GRANT	156	MCCLAIN	81	ROGERS	199
CANADIAN	94	GREER	5	MCCURTAIN	72	SEMINOLE	266
CARTER	560	HARMON	3	MCINTOSH	28	SEQUOYAH	59
CHEROKEE	19	HARPER	4	MURRAY	22	STEPHENS	292
CHOCTAW	14	HASKELL	15	MUSKOGEE	109	TEXAS	235
CIMARRON	27	HUGHES	55	NOBLE	65	TILLMAN	4
CLEVELAND	106	JACKSON	17	NOWATA	42	TULSA	778
COAL	19	JEFFERSON	17	OKFUSKEE	38	WAGONER	57
COMANCHE	75	JOHNSTON	12	OKLAHOMA	536	WASHINGTON	74
COTTON	17	KAY	295	OKMULGEE	65	WASHITA	23
CRAIG	36	KINGFISHER	87	OSAGE	400	WOODS	25
CREEK	357	KIOWA	7	OTTAWA	48	WOODWARD	100
		LATIMER	39				

NRC Notifications to EPA Region 6 -- Total by County / Parish :: Texas (1982 – 2009)

COUNTY	TOTAL	COUNTY	TOTAL	COUNTY	TOTAL	COUNTY	TOTAL
ANDERSON	107	BRISCOE	0	COLORADO	41	EASTLAND	41
ANDREWS	341	BROOKS	22	COMAL	89	ECTOR	2242
ANGELINA	147	BROWN	33	COMANCHE	14	EDWARDS	4
ARANSAS	43	BURLESON	89	CONCHO	4	EL PASO	675
ARCHER	60	BURNET	31	COOKE	135	ELLIS	287
ARMSTRONG	4	CALDWELL	50	CORYELL	24	ERATH	32
ATASCOSA	36	CALHOUN	1649	COTTLE	4	FALLS	20
AUSTIN	54	CALLAHAN	23	CRANE	524	FANNIN	42
BAILEY	1	CAMERON	394	CROCKETT	95	FAYETTE	110
BANDERA	9	CAMP	27	CROSBY	6	FISHER	17
BASTROP	46	CARSON	42	CULBERSON	24	FLOYD	5
BAYLOR	8	CASS	96	DALLAM	20	FOARD	6
BEE	26	CASTRO	8	DALLAS	2299	FORT BEND	225
BELL	164	CHAMBERS	738	DAWSON	338	FRANKLIN	62
BEXAR	725	CHEROKEE	58	DE WITT	15	FREESTONE	110
BLANCO	8	CHILDRESS	14	DEAF SMITH	16	FRIO	28
BORDEN	34	CLAY	36	DELTA	9	GAINES	1002
BOSQUE	25	COCHRAN	16	DENTON	267	GALVESTON	2199
BOWIE	151	COKE	20	DICKENS	2	GARZA	35
BRAZORIA	3198	COLEMAN	18	DIMITT	28	GILLESPIE	17
BRAZOS	186	COLLIN	256	DONLEY	9	GLASSCOCK	13
BREWSTER	10	COLLINGSWORTH	3	DUVAL	54	GOLIAD	19

NRC Notifications to EPA Region 6 -- Total by County / Parish :: Texas (1982 – 2009)

COUNTY	TOTAL	COUNTY	TOTAL	COUNTY	TOTAL	COUNTY	TOTAL
GONZALES	25	HOCKLEY	466	KENEDY	30	LUBBOCK	143
GRAY	145	HOOD	28	KENT	408	LYNN	3
GRAYSON	213	HOPKINS	48	KERR	13	MADISON	23
GREGG	734	HOUSTON	71	KIMBLE	8	MARION	23
GRIMES	47	HOWARD	399	KING	60	MARTIN	27
GUADALUPE	117	HUDSPETH	22	KINNEY	5	MASON	0
HALE	83	HUNT	128	KLEBERG	91	MATAGORDA	230
HALL	3	HUTCHINSON	1517	KNOX	19	MAVERICK	36
HAMILTON	4	IRION	15	LA SALLE	20	MCCULLOCH	9
HANSFORD	20	JACK	59	LAMAR	72	MCLENNAN	160
HARDEMAN	19	JACKSON	111	LAMB	12	MCMULLEN	90
HARDIN	155	JASPER	81	LAMPASAS	19	MEDINA	40
HARRIS	13499	JEFF DAVIS	7	LAVACA	39	MENARD	7
HARRISON	738	JEFFERSON	6767	LEE	35	MIDLAND	418
HARTLEY	12	JIM HOGG	9	LEON	80	MILAM	55
HASKELL	17	JIM WELLS	42	LIBERTY	231	MILLS	4
HAYS	46	JOHNSON	185	LIMESTONE	38	MITCHELL	37
HEMPHILL	38	JONES	42	LIPSCOMB	14	MONTAGUE	64
HENDERSON	122	KARNES	31	LIVE OAK	621	MONTGOMERY	427
HIDALGO	226	KAUFMAN	106	LLANO	17	MOORE	447
HILL	65	KENDALL	12	LOVING	10	MORRIS	35

NRC Notifications to EPA Region 6 -- Total by County / Parish :: Texas (1982 – 2009)

COUNTY	TOTAL		COUNTY	TOTAL		COUNTY	TOTAL		COUNTY	TOTAL
MOTLEY	1		REAL	2		STARR	23		VAN ZANDT	83
NACOGDOCHES	47		RED RIVER	17		STEPHENS	65		VICTORIA	372
NAVARRO	102		REEVES	54		STERLING	18		WALKER	33
NEWTON	38		REFUGIO	64		STONEWALL	8		WALLER	51
NOLAN	46		ROBERTS	8		SUTTON	35		WARD	196
NUECES	2734		ROBERTSON	66		SWISHER	10		WASHINGTON	28
OCHILTREE	44		ROCKWALL	37		TARRANT	1302		WEBB	154
OLDHAM	11		RUNNELS	15		TAYLOR	116		WHARTON	80
ORANGE	781		RUSK	377		TERRELL	15		WHEELER	10
PALO PINTO	63		SABINE	20		TERRY	32		WICHITA	186
PANOLA	188		SAN AUGUSTINE	12		THROCKMORTON	11		WILLACY	22
PARKER	135		SAN JACINTO	17		TITUS	105		WILLIAMSON	119
PARMER	33		SAN PATRICIO	359		TOM GREEN	57		WILSON	16
PECOS	387		SAN SABA	7		TRAVIS	331		WINKLER	261
POLK	59		SCHLEICHER	30		TRINITY	12		WILBARGER	35
POTTER	149		SCURRY	130		TYLER	34		WISE	167
PRESIDIO	6		SHACKELFORD	24		UPSHUR	56		WOOD	139
RAINS	13		SHELBY	51		UPTON	91		YOAKUM	1130
RANDALL	28		SHERMAN	13		UVALDE	13		YOUNG	66
REAGAN	41		SMITH	301		VAL VERDE	34		ZAPATA	21
			SOMERVELL	23					ZAVALA	17