

# EPA Region 6 Accidental Release Notification Information:

## FY 2012 - 2016

*Over Thirty Years of Collecting Release / Spill Information*

**NRC BACKGROUND ::** Primary function of NRC is to serve as 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 operations and communications center for NRT, NRC maintains agreements with a variety of entities to make notifications regarding incidents meeting established trigger criteria.

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

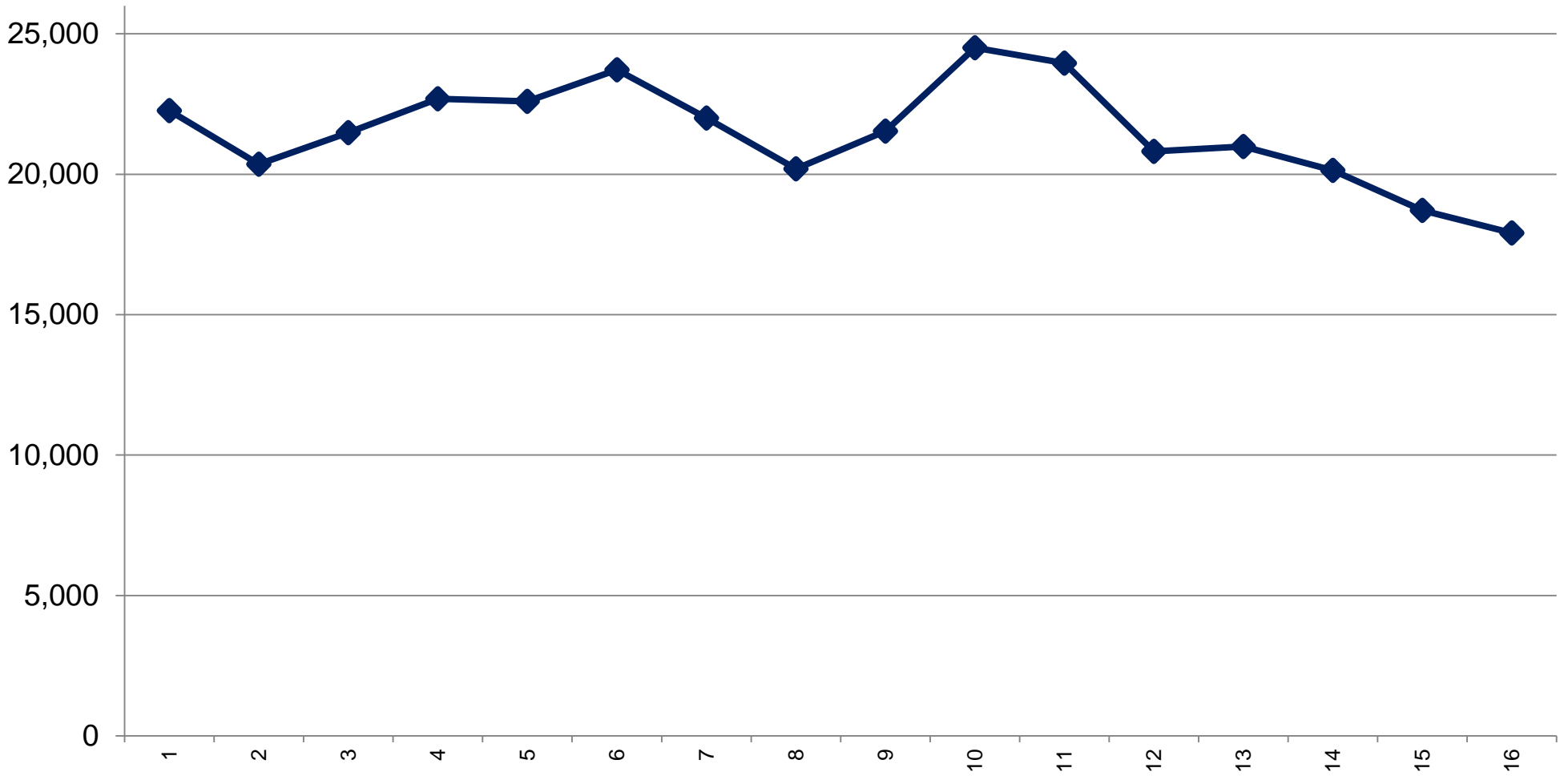
**On behalf of DHS and the USCG, the NRC:**

- 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.

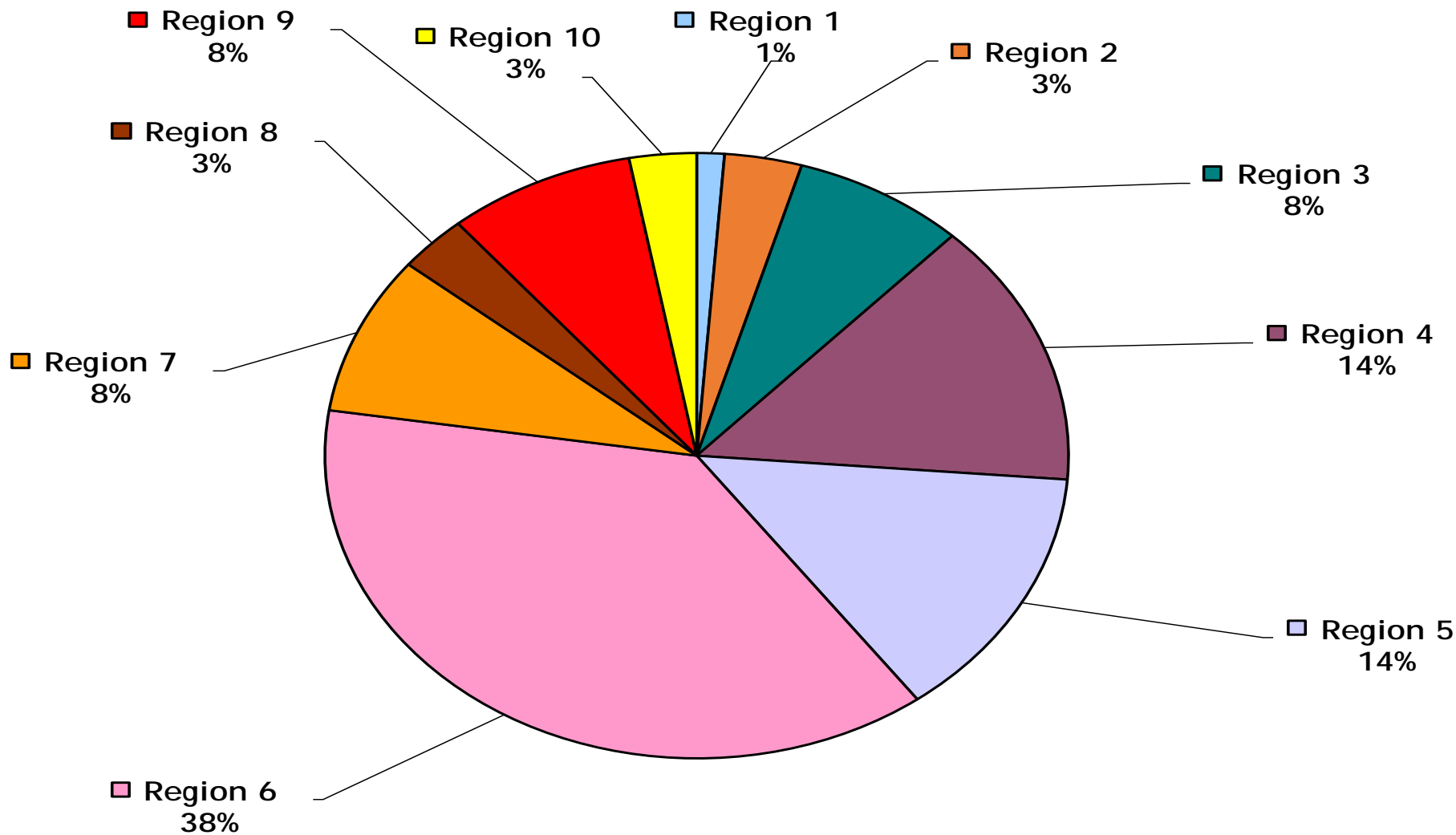
**On behalf of other Agencies, the NRC provides services to enhance the Federal Response System:**

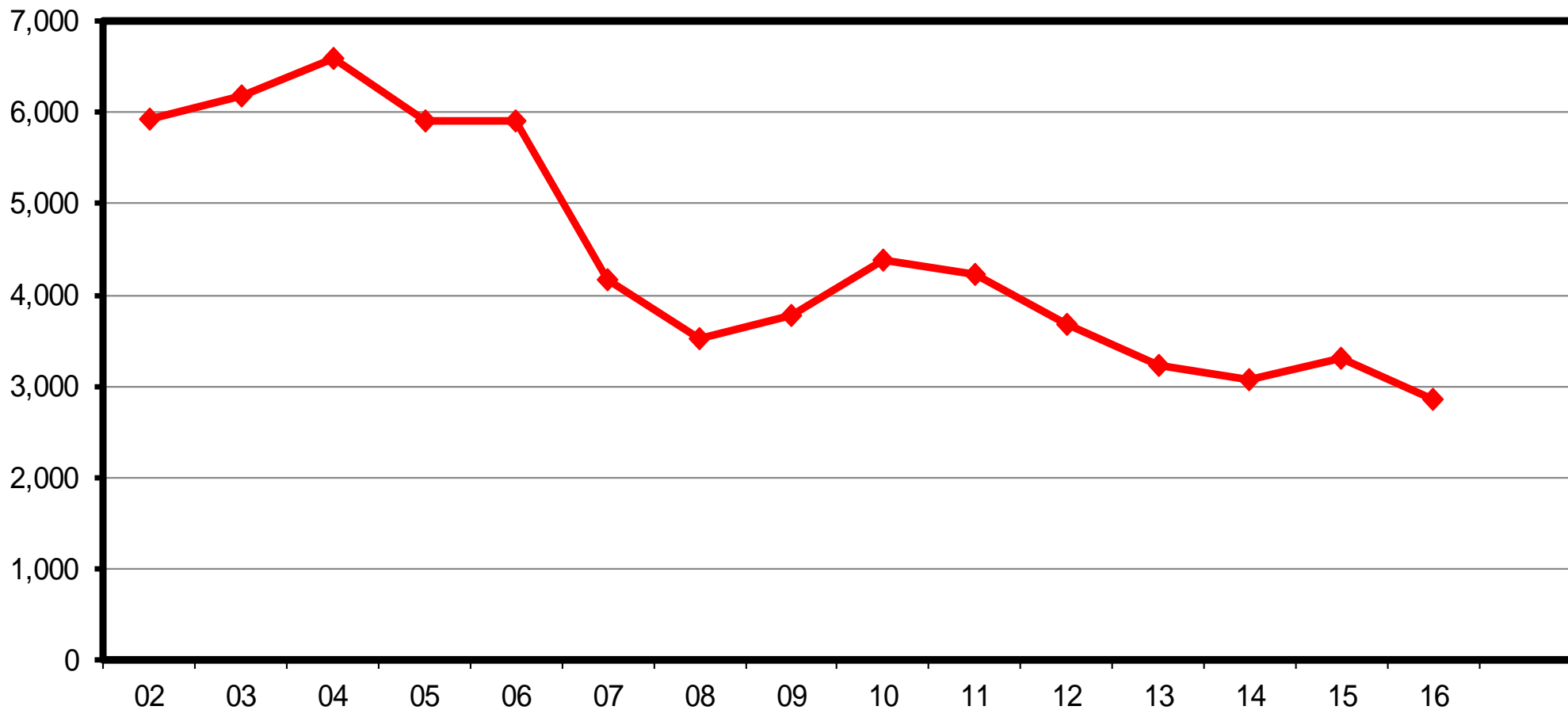


- For EPA, NRC receives incident reports under FRS which is supported under CERCLA, CWA, CAA, EPCRA, and OPA. NRC disseminates reports of oil discharges and chemical releases to OSC;
- For FEMA, NRC acts as a 24 hour contact point to receive earthquake, flood, hurricane, and evacuation reports;
- For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

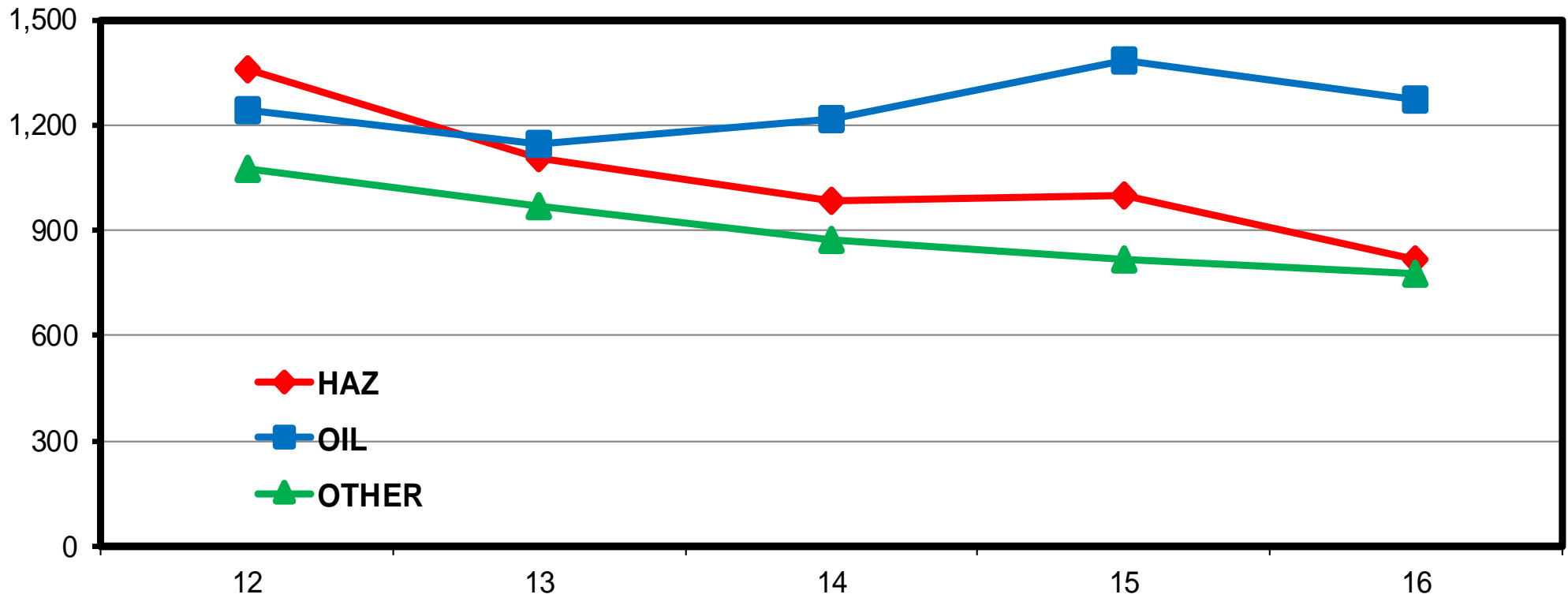


2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
22,271	20,357	21,478	22,686	22,596	23,716	22,003	20,190	21,532	24,503	23,961
2012	2013	2014	2015	2016						
20,810	20,992	20,136	18,711	17,905						



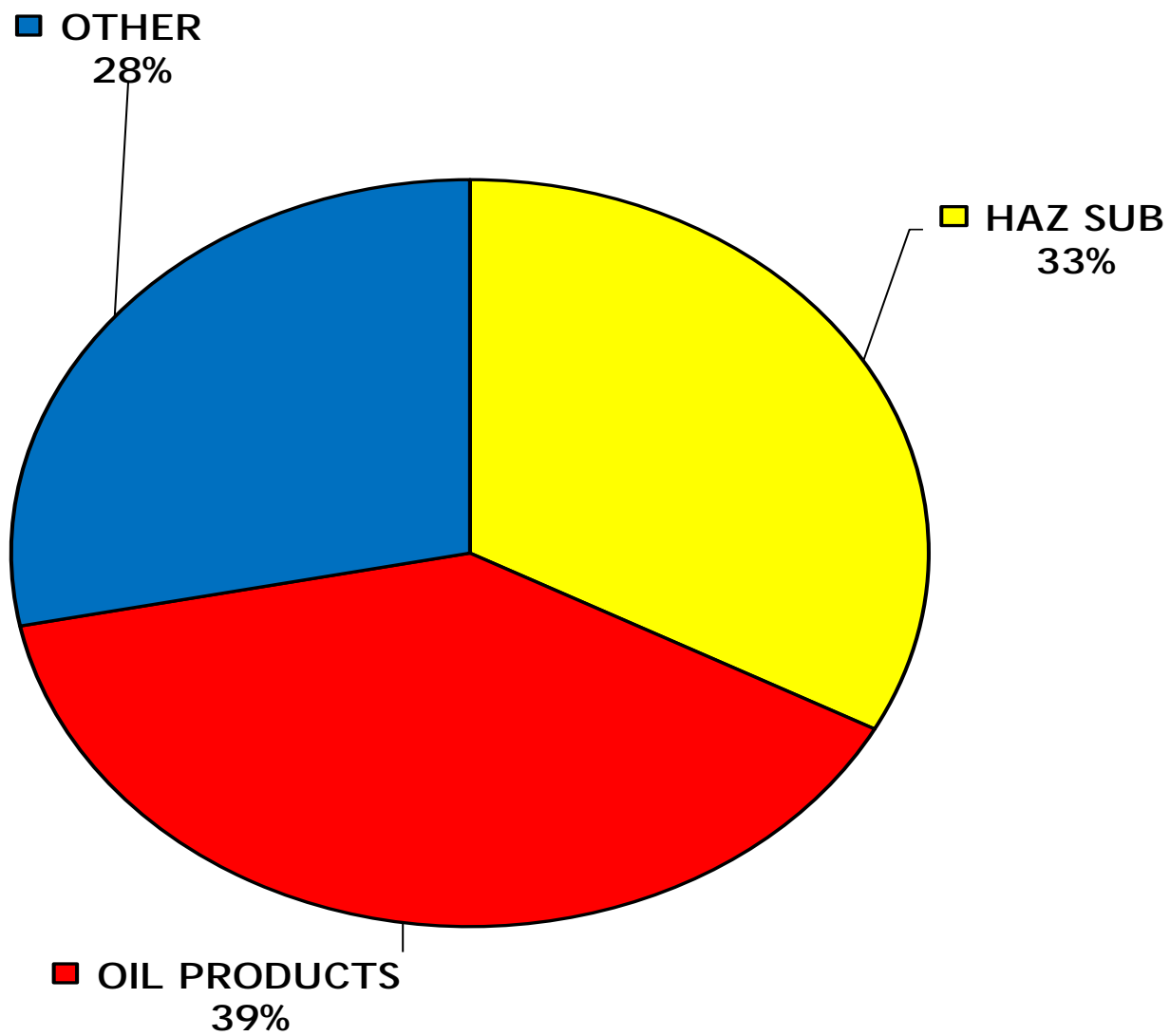


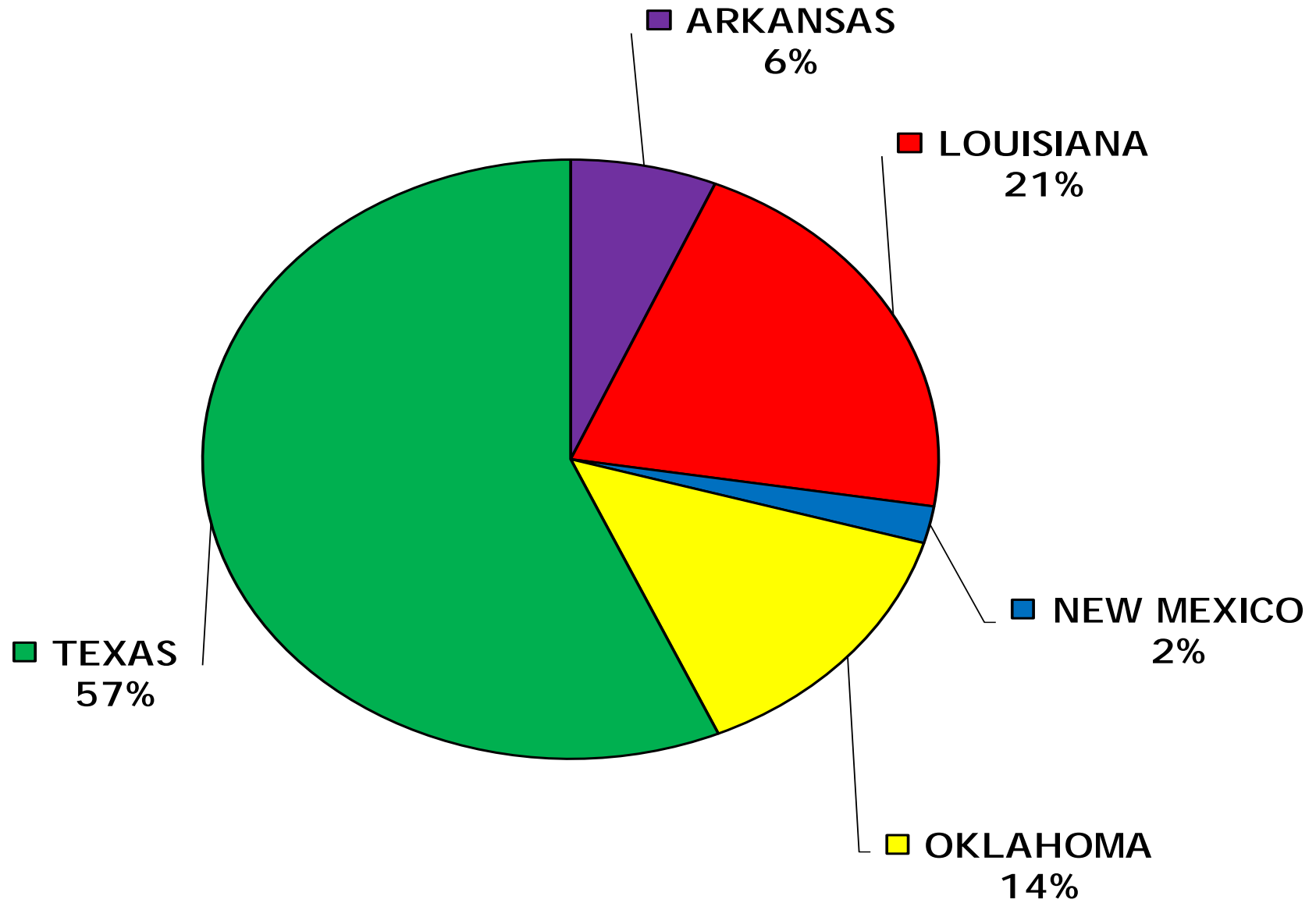
	82	83	84	85	86	87	88	89	90	91	92	93	94	95		
<b>EPA Notifications</b>	1,315	1,520	1,521	1,920	2,196	2,057	2,142	3,152	4,591	3,784	4,208	4,340	5,063	5,180		
96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12
4,376	4,277	4,472	4,559	4,641	6,428	5,926	6,176	6,590	5,898	5,910	4,167	3,529	3,775	4,388	4,219	3,676
13	14	15	16													
3,220	3,075	3,302	2,860													



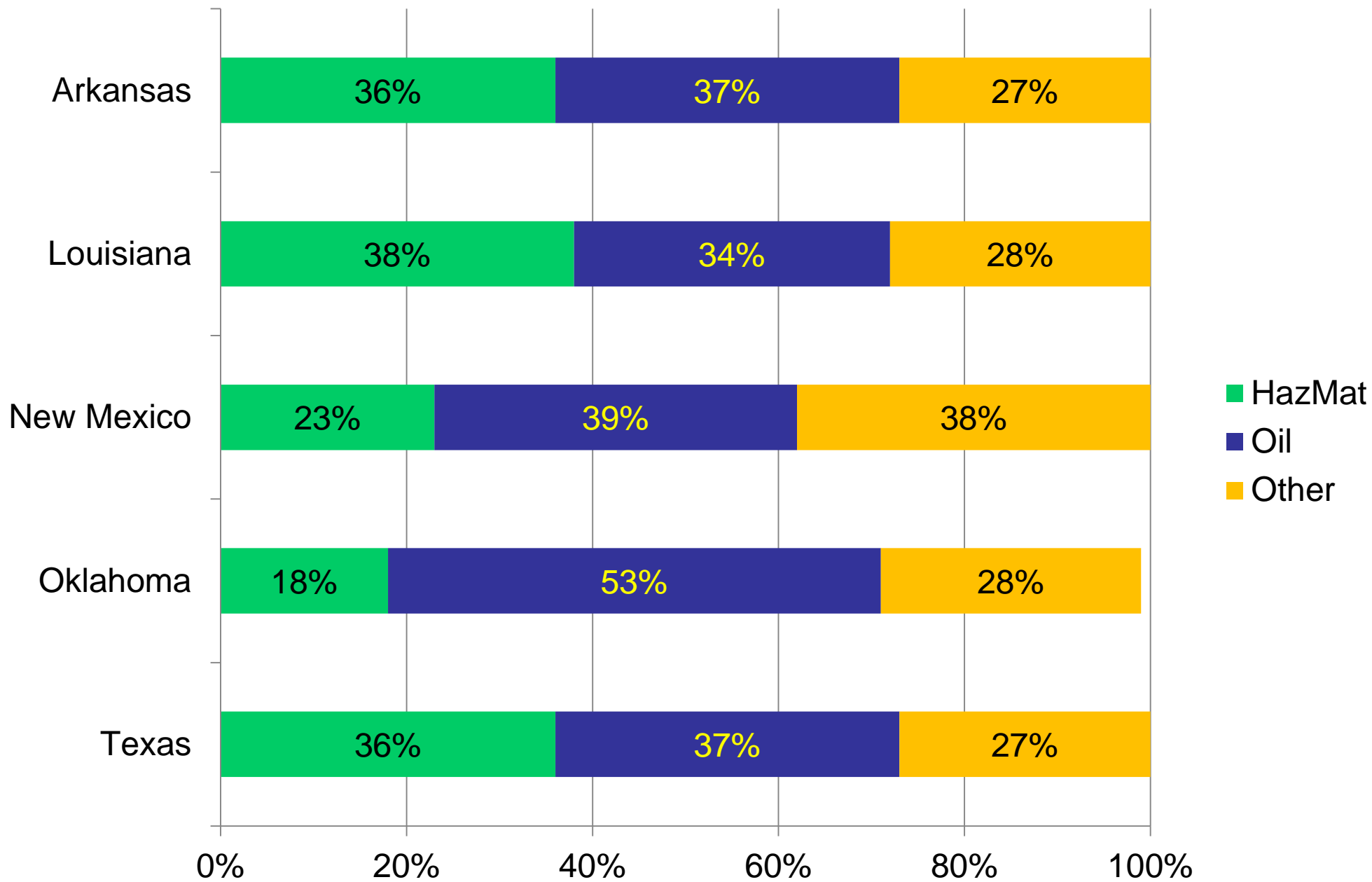
	FY12	FY13	FY14	FY15	FY16
<b>Hazardous Substances</b>	<b>1,359</b>	<b>1,106</b>	<b>983</b>	<b>997</b>	<b>815</b>
<b>Oil/Oil Products</b>	<b>1,244</b>	<b>1,144</b>	<b>1,218</b>	<b>1,384</b>	<b>1,271</b>
<b>Other</b>	<b>1,073</b>	<b>970</b>	<b>874</b>	<b>819</b>	<b>774</b>

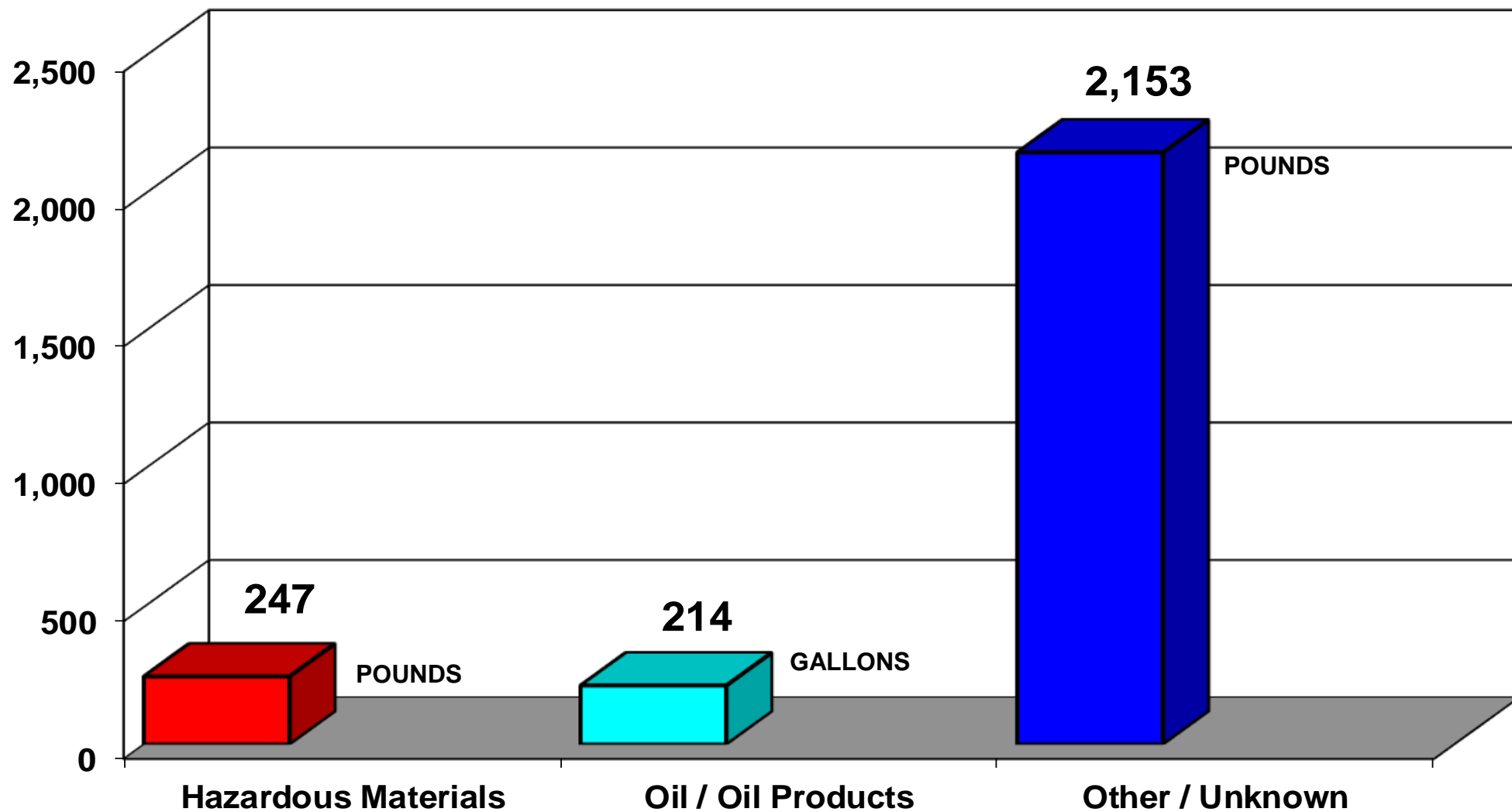
### HAZ SUB: CERCLA Hazardous Substances



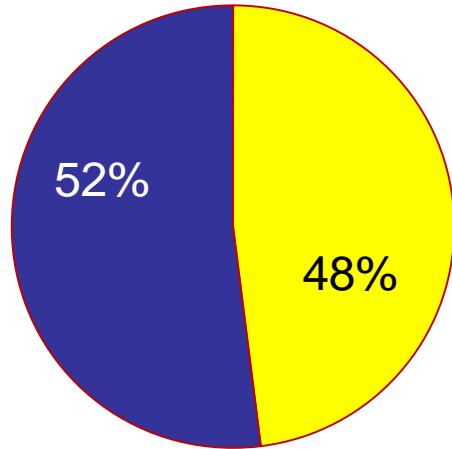




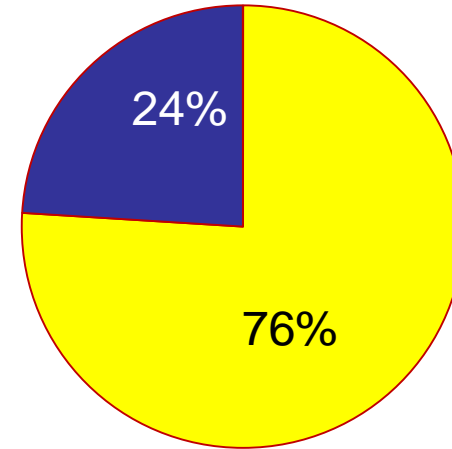




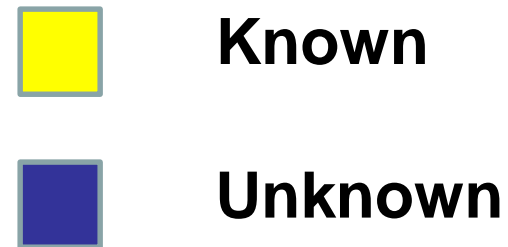
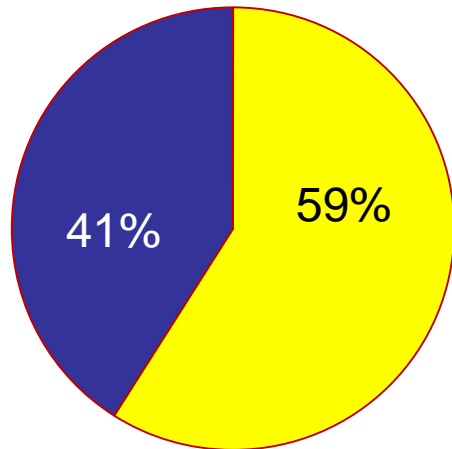
### Other



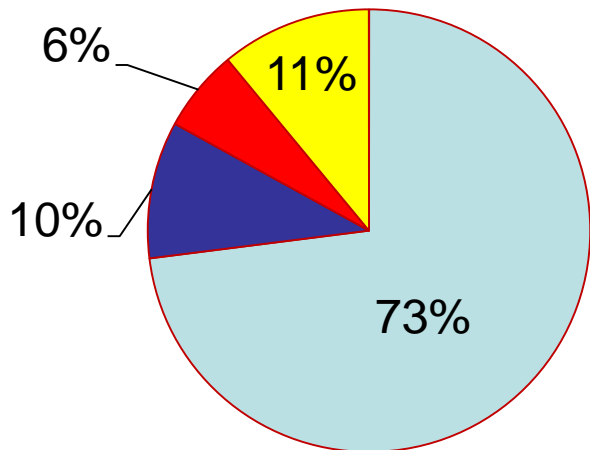
### Hazardous Materials



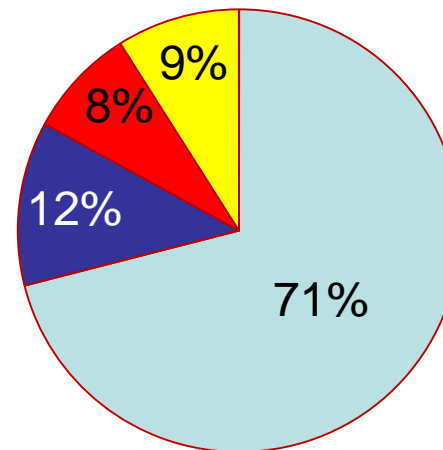
### Oil / Oil Products



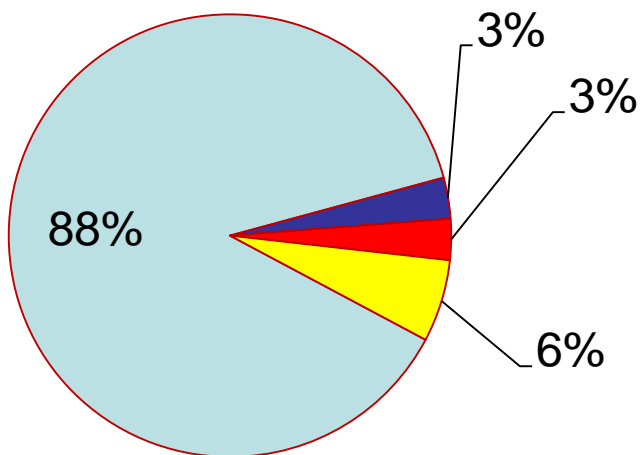
### Cumulative



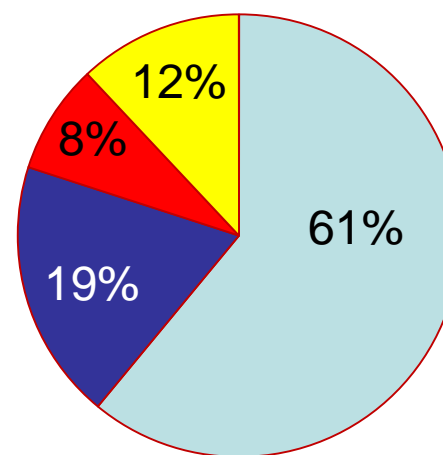
### Hazardous Substances



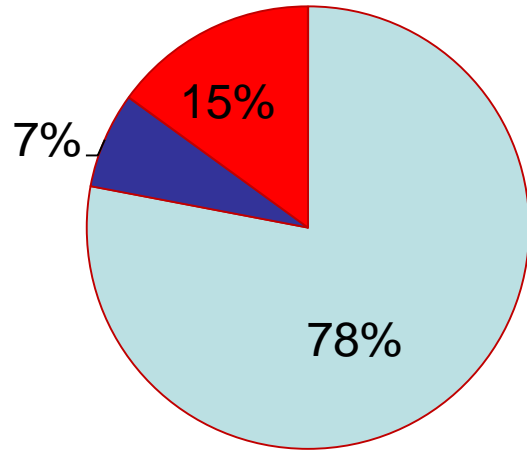
### Oil / Oil Products



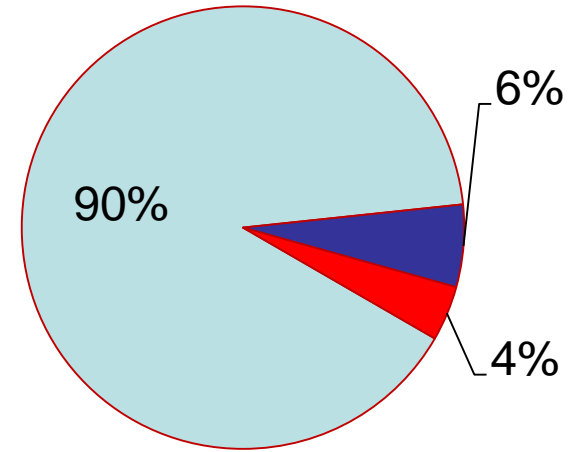
### Other



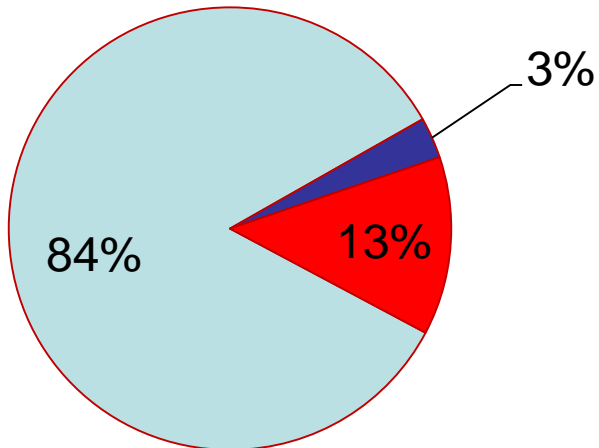
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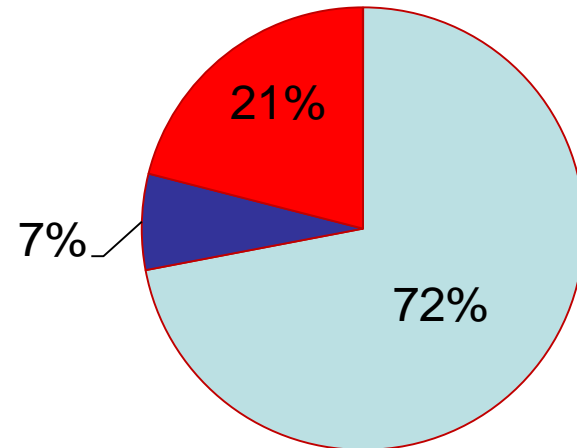
### Hazardous Substances



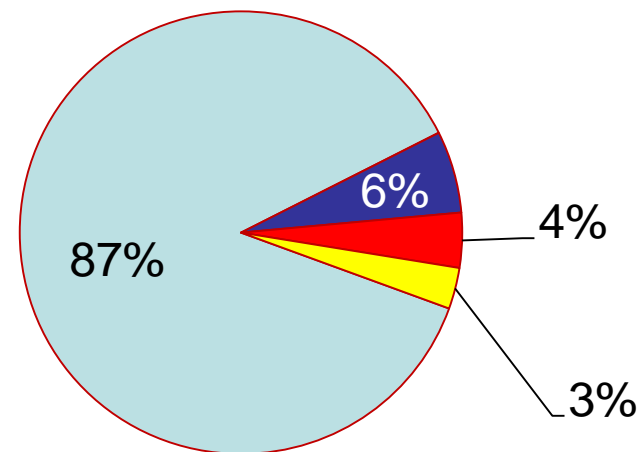
### Oil / Oil Products



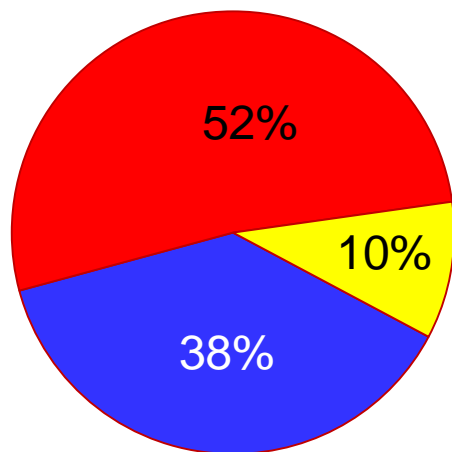
### Other



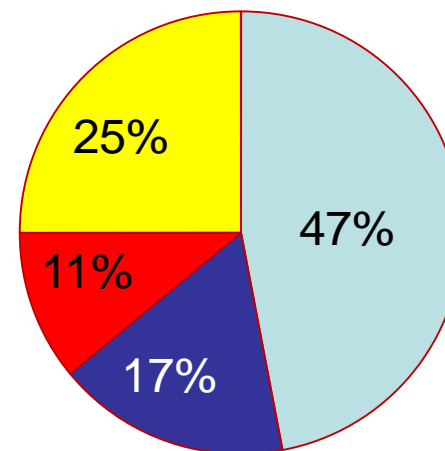
### Hazardous Substances



### Oil / Oil Products

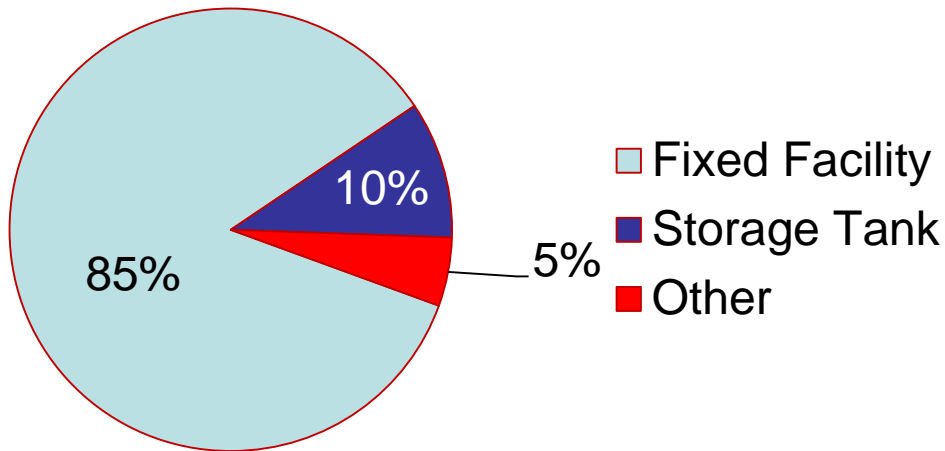


### Other

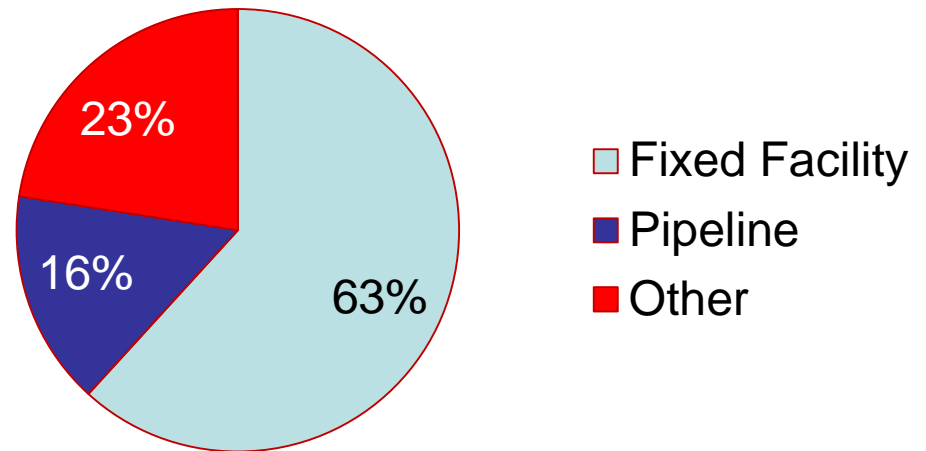


Other Medium may include: non-releases, groundwater, ballast, railway

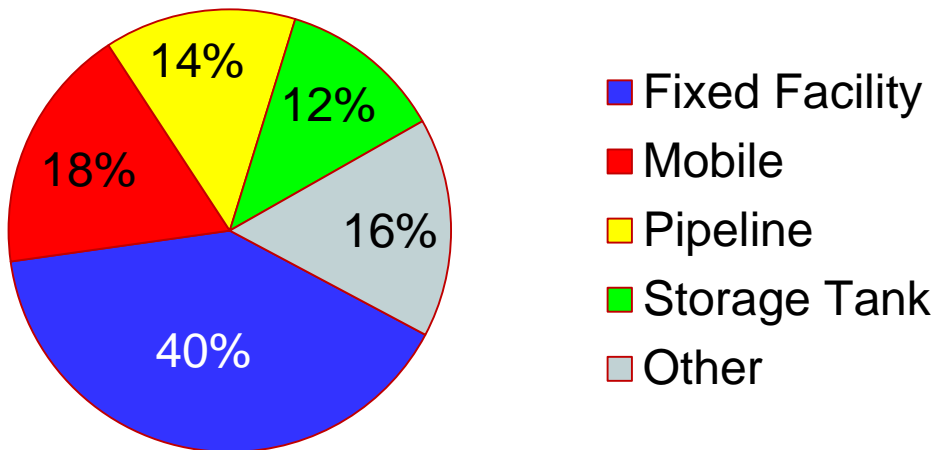
## Hazardous Substances



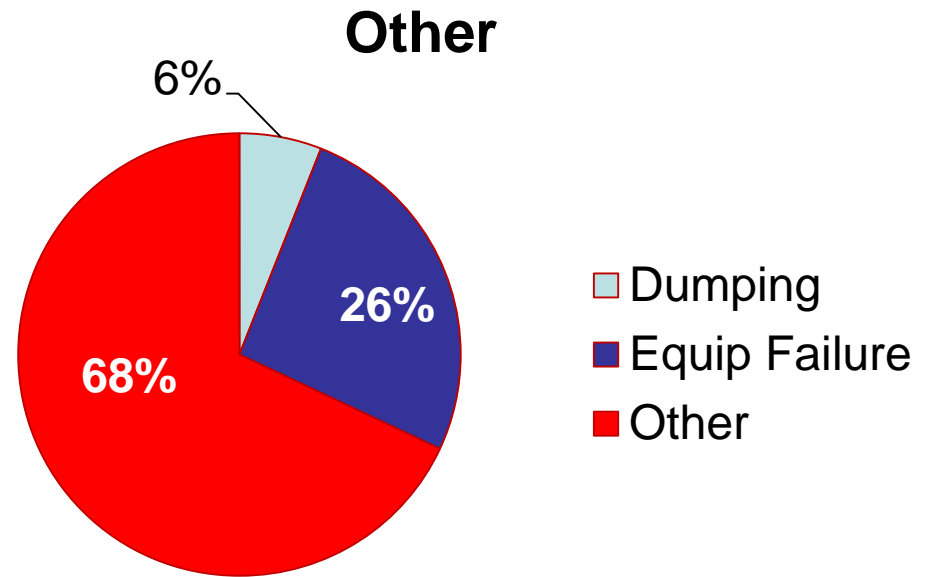
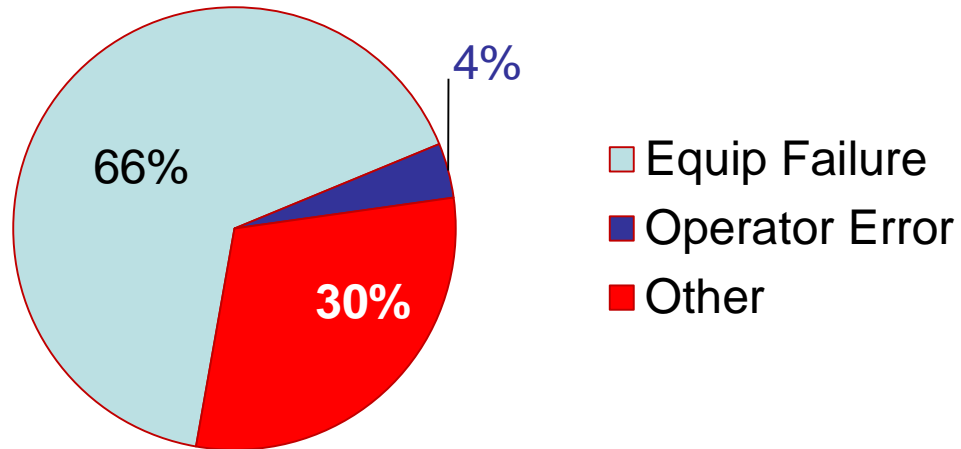
## Other



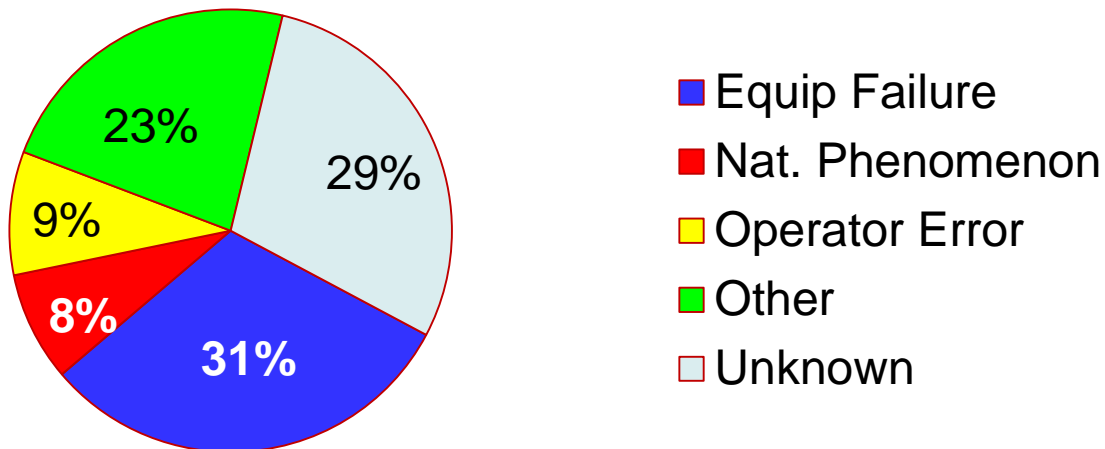
## Oil / Oil Products



### Hazardous Substances



### Oil / Oil Products

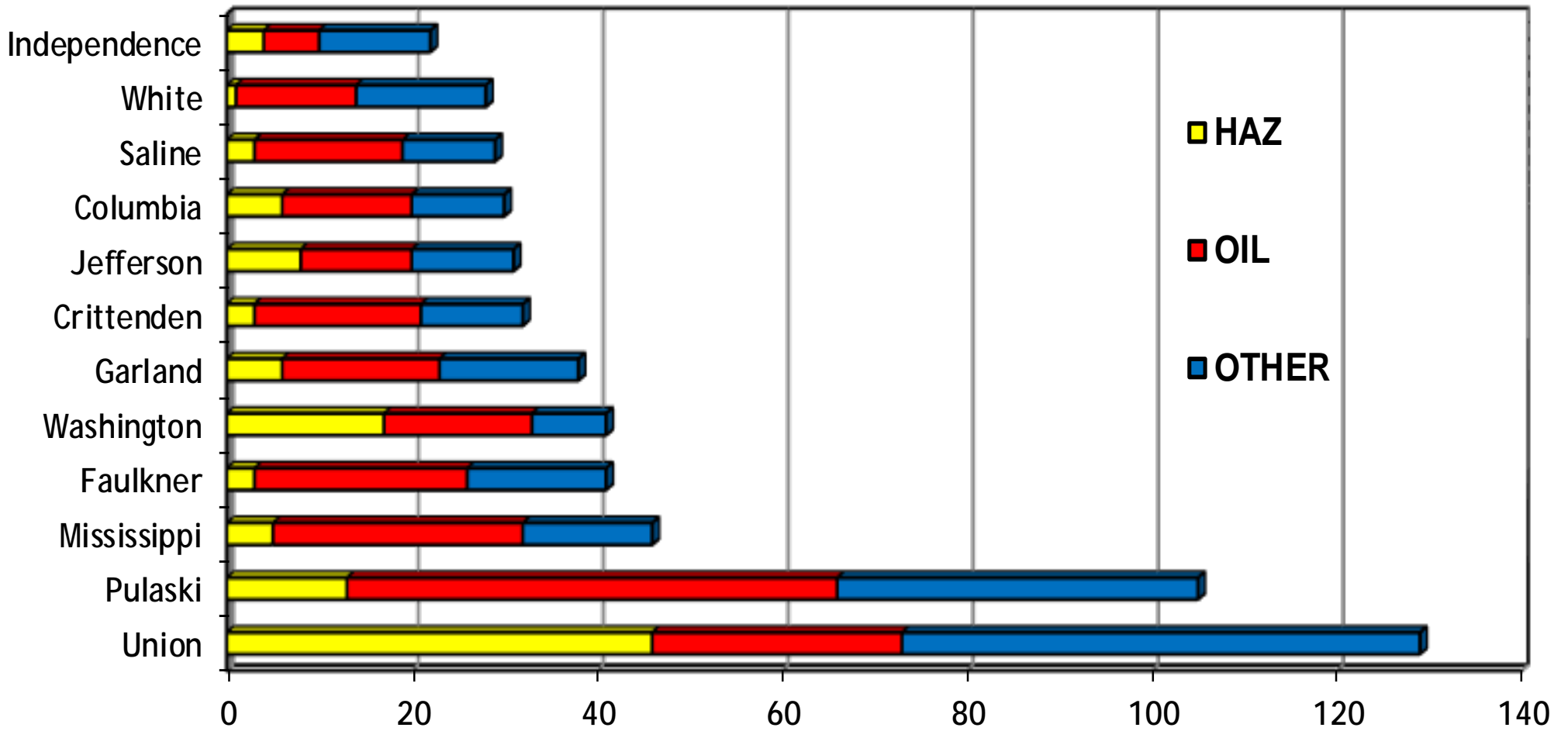




**Since 2000, approximately 3.3% of all release reports have led to a significant event (death, injury, community evacuation, evacuation of a facility, shelter-in-place)**

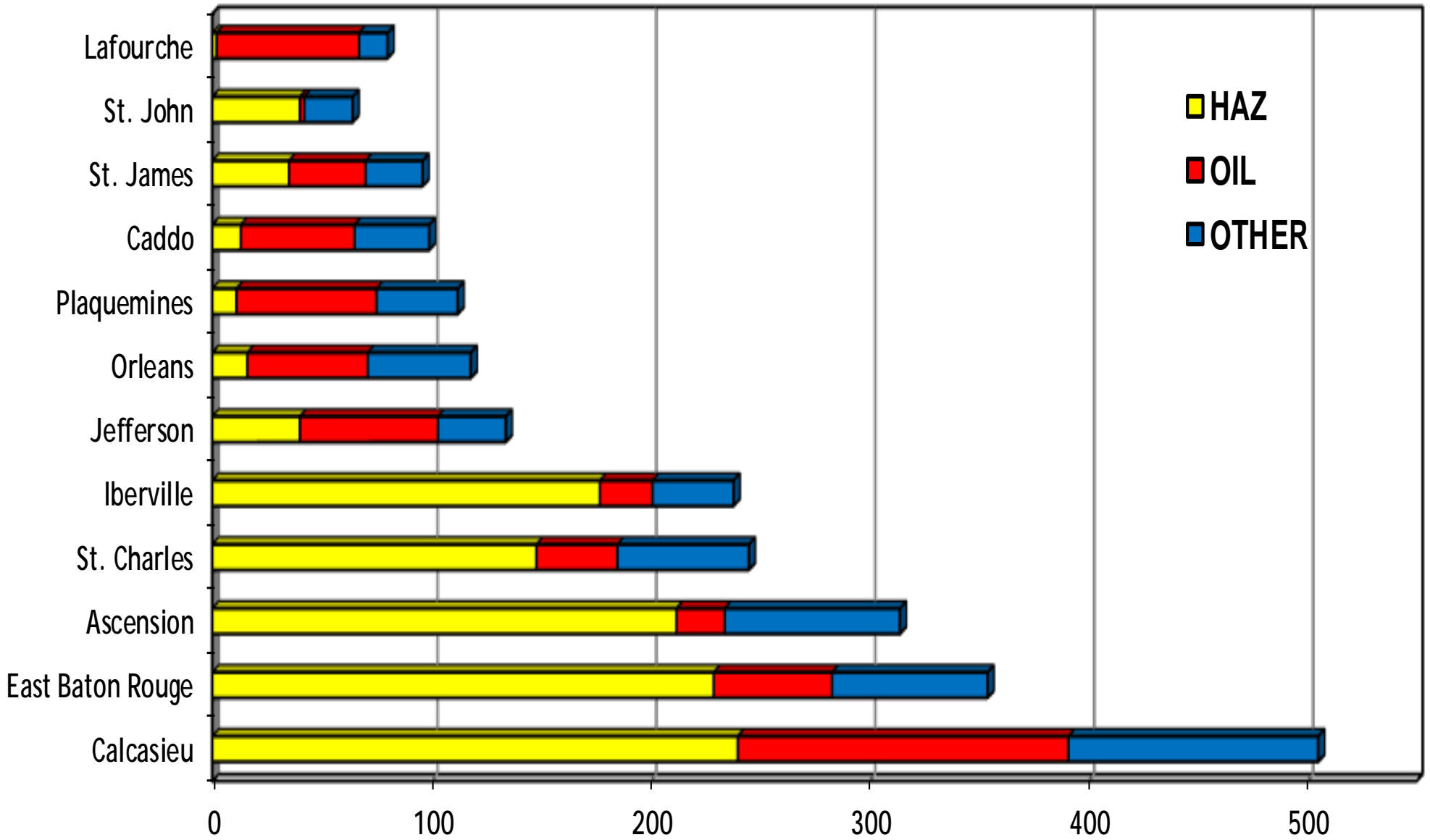
**Deaths, injuries, and evacuations may not be directly due to exposure, but as a consequence of the accident resulting in the release**

**Since 2000, statistically there is more than one shelter-in-place or evacuation of a community (whole or part) or of a facility due to a hazardous substance, oil, or other material incident somewhere in Region 6, on a weekly basis**



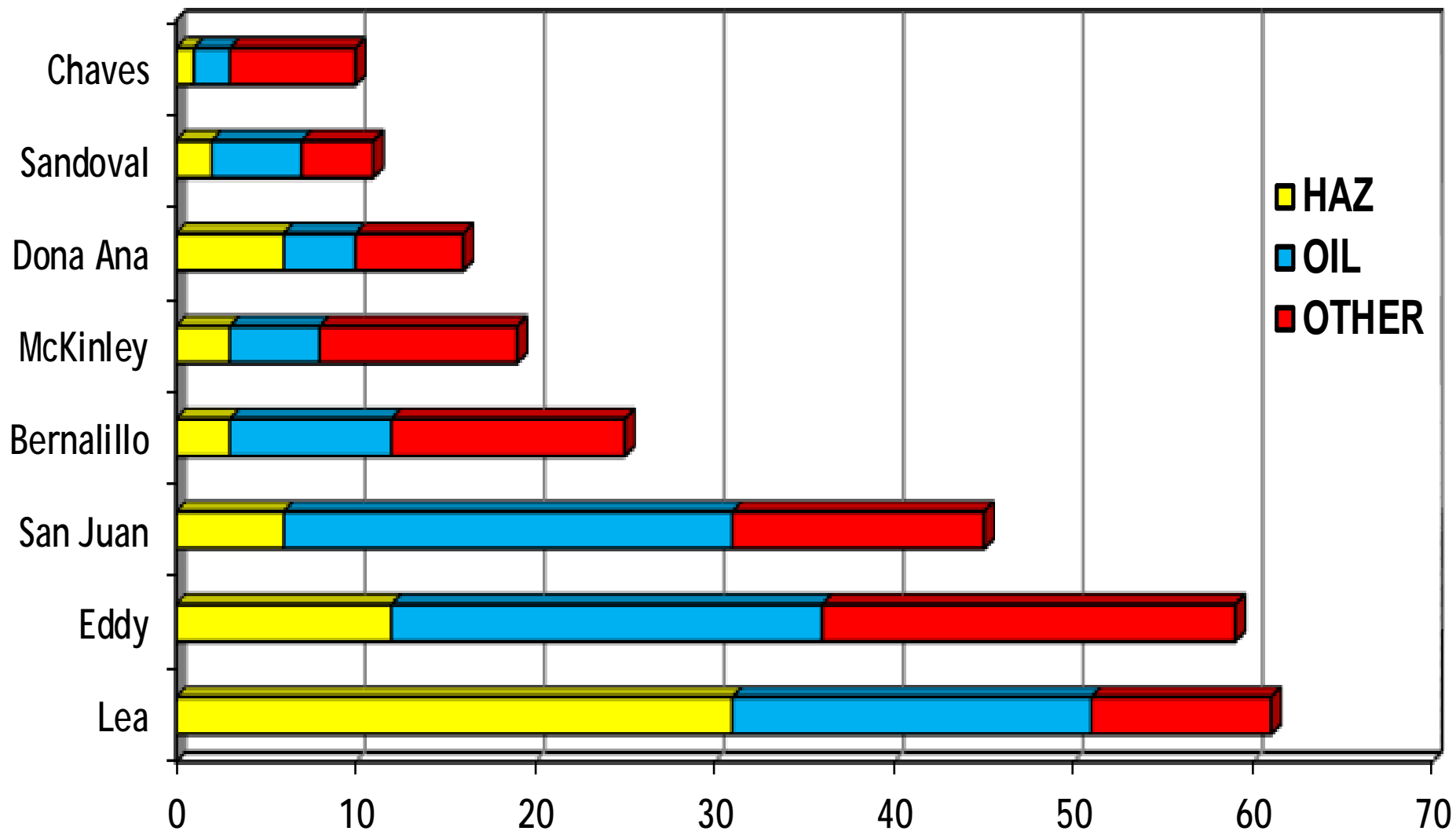
COUNTY	HAZ SUB	OIL/OIL PROD	OTHER MAT	TOTAL
ASHLEY	7			7
BAXTER	1	1		2
BENTON	5	7	9	21
BOONE		2	3	5
BRADLEY		2	1	3
CALHOUNE			2	2
CARROLL	9	1	1	11
CLARK		4	2	6
CLAY			1	1
CLEBURNE		1	3	4
CLEVELAND		1	3	4
COLUMBIA	6	14	10	30
CONWAY		8	5	13
CRAIGHEAD	2	6	8	16
CRAWFORD	4	6	8	18
CRITTENDEN	3	18	11	32
CROSS		2	4	6
DESHA	1	3	3	7
DREW		1		1
FAULKNER	3	23	15	41
FRANKLIN	1	3		4
FULTON		1	2	3
GARLAND	6	17	15	38
GRANT	1	3		4
GREENE	1	7	2	10
HEMPSTEAD	6	5	2	13
HOT SPRING	2	6	6	14
HOWARD	3	2		5
INDEPENDENCE	4	6	12	22
IZARD		1		1
JACKSON	1	4	6	11
JEFFERSON	8	12	11	31
JOHNSON	4	3	1	8
LAFAYETTE		4	3	7

COUNTY	HAZ SUB	OIL/OIL PROD	OTHER MAT	TOTAL
LAWRENCE	1	2	3	6
LEE		1	2	3
LITTLE RIVER	1	4	8	13
LOGAN		2	2	4
LONOKE		7	8	15
MADISON	2		3	5
MARION		1	4	5
MILLER	1	7	8	16
MISSISSIPPI	5	27	14	46
MONROE		4		4
NEVADA		4	1	5
NEWTON		2	1	3
OUACHITA		11	2	13
PERRY		1	1	2
PHILLIPS	1	2	5	8
PIKE		3	3	6
POINSETT	1	4	8	13
POLK	5	4	3	12
POPE	10	7	5	22
PRAIRIE		4	1	5
PULASKI	13	53	39	105
RANDOLPH		2		2
SALINE	3	16	10	29
SCOTT	4	1	3	8
SEARCY		1	1	2
SEBASTIAN	1	10	9	20
SEVEIR	1	3	4	8
ST. FRANCIS		3	7	10
STONE	1	1	1	3
UNION	46	27	56	129
WASHINGTON	17	16	8	41
WHITE	1	13	14	28
WOODRUFF		2	1	3
YELL	6		4	10



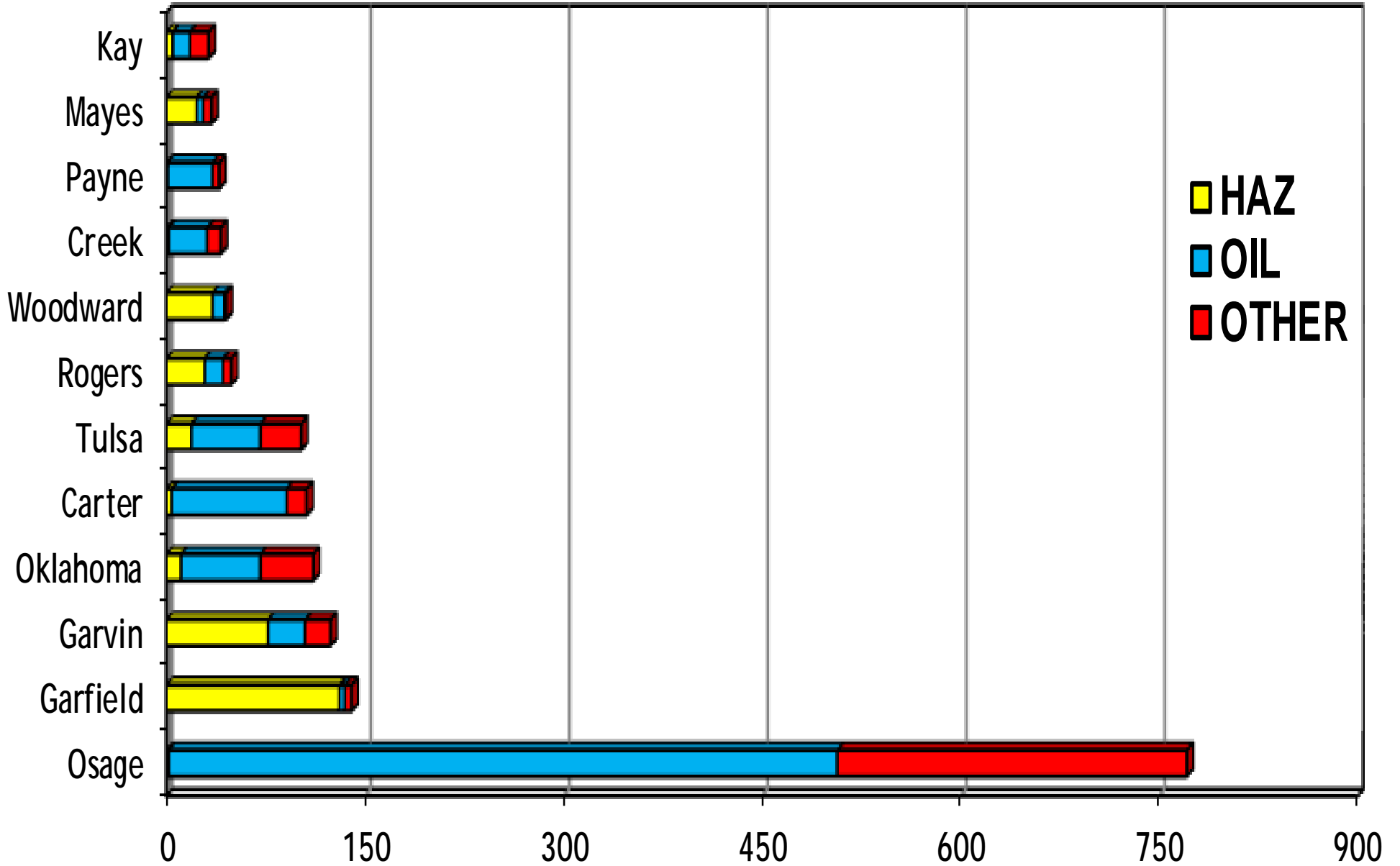
COUNTY	HAZ SUB	OIL/OIL PROD	OTHER MAT	TOTAL
ACADIA	4	13	8	25
ALLEN		4	5	9
ASCENSION	212	22	80	314
ASSUMPTION	1	13	13	27
AVOUELLES	2	6	3	11
BEAUREGARD	1	8	8	17
BIENVILLE	1	3	15	19
BOSSIER	1	20	10	31
CADDO	13	52	34	99
CALCASIEU	240	151	114	505
CALDWELL			1	1
CAMERON	1	24	11	36
CATAHOULA	1	3		4
CLAIBORNE	2	8	5	15
CONCORDIA		4	2	6
DE SOTO	4	10	8	22
E. BATON ROUGE	229	54	71	354
E. CARROLL		2	1	3
E. FELICIANA		5	2	7
EVANGELINE	1	6	6	13
FRANKLIN		2	1	3
GRANT		1	1	2
IBERIA	5	28	13	46
IBERVILLE	177	24	37	238
JACKSON	1		2	3
JEFFERSON	40	63	31	134
JEFFERSON DAVIS	2	14	13	29
LA SALLE		4	5	9
LAFAYETTE	4	15	18	37
LAFOURCHE	2	65	13	80
LINCOLN		3	11	14
LIVINGSTON		8	11	19

COUNTY	HAZ SUB	OIL/OIL PROD	OTHER MAT	TOTAL
MADISON	1	7	18	26
MOREHOUSE		3	7	10
NATCHITOCHE	4	1	5	10
ORLEANS	16	55	47	118
OUACHITA	10	20	12	42
PLAQUEMINES	11	64	37	112
POINTE COUPEE	1	8	6	15
RAPIDES	6	11	16	33
RED RIVER	18	2	2	22
RICHLAND	1	2	2	5
SABINE		6	1	7
ST. BERNARD	22	14	11	47
ST. CHARLES	148	37	60	245
ST. HELENA		6	3	9
ST. JAMES	35	35	26	96
ST. JOHN THE BAPTIST	40	29	22	91
ST. LANDRY	4	11	17	32
ST. MARTIN	1	17	12	30
ST. MARY	1	5	1	7
ST. TAMMANY	5	49	16	70
TANGIPAHOA	12	19	14	45
TENSAS	5	35	5	45
UNION		1	2	3
VERMILION		12	9	21
VERNON		1	2	3
W. BATON ROUGE	7	22	22	51
W. CARROLL	1	1	2	4
W. FELICIANA	2	2		4
WASHINGTON	2	2	2	6
WEBSTER	2	2	8	12
WINN		2		2



COUNTY	HAZ SUB	OIL/OIL PROD	OTHER MAT	TOTAL
BERNALILLO	3	9	13	25
CHAVES	1	2	7	10
CIBOLA	1	2	3	6
CURRY	1	4		5
DONA ANA	6	4	6	16
EDDY	12	24	23	59
GRANT	2	1	2	5
GUADALUPE			3	3
HIDALGO		2	1	3
LEA	31	20	10	61
LINCOLN		2	1	3
LUNA		2	1	3
MCKINLEY	3	5	11	19

COUNTY	HAZ SUB	OIL/OIL PROD	OTHER MAT	TOTAL
OTERO		1	1	2
QUAY		1	1	2
RIO ARRIBA	1	5	2	8
ROOSEVELT			1	1
SAN JUAN	6	25	14	45
SAN MIGUEL	1	1		2
SANDOVAL	2	5	4	11
SANTA FE	1	1	5	7
SIERRA		1		1
SOCORRO	1	2	2	5
TORRANCE	1	3	5	9
UNION			1	1
VALENCIA		2	2	4

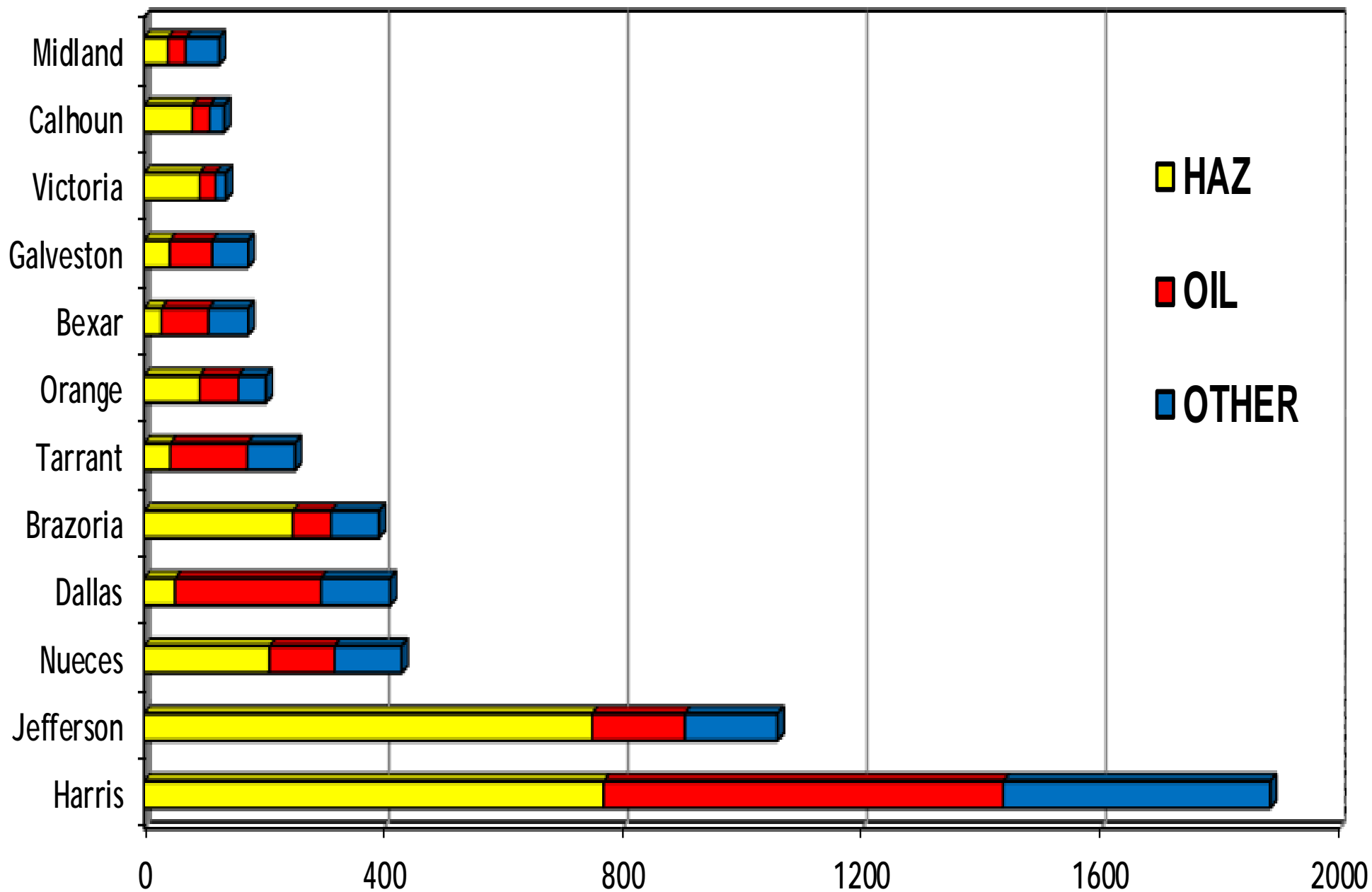




COUNTY	HAZ SUB	OIL/OIL PROD	OTHER MAT	TOTAL
ADAIR	2	3	3	8
ALFALFA	4	5		9
ATOKA			1	1
BEAVER	3	5	5	13
BECKHAM	2	2	7	11
BLAINE		4	3	7
BRYAN		12	7	19
CADDO	1	5	7	13
CANADIAN	4	15	5	24
CARTER	4	87	15	106
CHEROKEE		6	2	8
CHOCTAW	1	1	3	5
CLEVELAND	1	11	4	16
COAL			2	2
COMANCHE		1	5	6
COTTON			1	1
CRAIG	4	1	3	8
CREEK	2	29	10	41
CUSTER		4	3	7
DELAWARE	2	9	3	14
DEWEY		1		1
ELLIS		7	2	9
GARFIELD	131	4	5	140
GARVIN	77	28	19	124
GRADY	5	13	9	27
GRANT	2	8	5	15
GREER		1		1
HARMON	1			1
HARPER		2	1	3
HASKELL		2	1	3
HUGHES	1	12	7	20
JACKSON	2		1	3
JEFFERSON		3	2	5
JOHNSTON	1	4	6	11
KAY	5	13	14	32
KINGFISHER	4	6	5	15
KIOWA		3	1	4
LATIMER		1	3	4

COUNTY	HAZ SUB	OIL/OIL PROD	OTHER MAT	TOTAL
LE FLORE		4	5	9
LINCOLN	2	13	5	20
LOGAN		14	5	19
LOVE		8	1	9
MAJOR	1	5	5	11
MARSHALL		9	2	11
MAYES	23	5	6	34
MCCLAIN		1	4	5
MCCURTAIN	4	3	2	9
MCINTOSH		1	2	3
MURRAY		1	2	3
MUSKOGEE		18	6	24
NOBLE	1	12	10	23
NOWATA		1	2	3
OKFUSKEE		5	3	8
OKLAHOMA	11	60	40	111
OKMULGEE		8	2	10
OSAGE	2	505	264	771
OTTAWA	1		1	2
PAWNEE		6	1	7
PAYNE	1	34	5	40
PITTSBURG	2	9	7	18
PONTOTOC		13	5	18
POTTAWATOMIE	4	6	4	14
PUSHMATAHA		3	1	4
ROGER MILLS	1	5		6
ROGERS	29	14	6	49
SEMINOLE		15	4	19
SEQUOYAH		3	2	5
STEPHENS	1	16	2	19
TEXAS	9	2	4	15
TULSA	19	52	31	102
WAGONER		3	6	9
WASHINGTON	1	8	1	10
WASHITA	1	2	3	6
WOODS	2	4	4	10
WOODWARD	35	9	1	45

10/9/2016



COUNTY	HAZ SUB	OIL PROD	OTHER MAT	TOTAL
ANDERSON	9	14	5	28
ANDREWS	13	7	6	26
ANGELINA	15	19	6	40
ARANSAS		4	4	8
ARCHER		14	1	15
ATASCOSA	3	19	7	29
AUSTIN		1	2	3
BAILEY	1			1
BASTROP		8	4	12
BAYLOR	1	3		4
BEE			1	1
BELL	2	18	15	35
BEXAR	29	79	66	174
BLANCO		1	1	2
BORDEN	84	1	1	86
BOSQUE	1	2	3	6
BOWIE	2	11	11	24
BRAZORIA	249	64	80	393
BRAZOS	5	20	7	32
BREWSTER		1		1
BROOKS		5	1	6
BROWN		2	3	5
BURLESON	6	7	3	16
BURNET	2	4	2	8
CALDWELL		10	12	22
CALHOUN	81	29	24	134
CALLAHAN		2	3	5
CAMERON	5	53	16	74
CAMP	6		3	9
CARSON		1	2	3
CASS	2	8	3	13
CHAMBERS	19	58	27	104
CHEROKEE		15	2	17
CHILDRESS		3	1	4
CLAY		3	1	4
COKE		1		1
COLEMAN			2	2
COLLIN	12	30	19	61
COLORADO		9	3	12

COUNTY	HAZ SUB	OIL PROD	OTHER MAT	TOTAL
COMAL	2	13	7	22
COMANCHE	1		1	2
CONCHO			1	1
COOKE	1	17	5	23
CORYELL		5	3	8
CRANE	1		2	3
CROCKETT		2	2	4
CULBERSON		6		6
DALLAM	1	3		4
DALLAS	52	244	116	412
DAWSON		1	1	2
DE WITT	2	9	5	16
DEAF SMITH	4			4
DELTA		1		1
DENTON	6	35	21	62
DIMMIT	3	9	9	21
DONLEY		1	3	4
DUVAL		1	2	3
EASTLAND	1	7	4	12
ECTOR	61	15	15	91
EDWARDS	1	2		3
EL PASO	8	28	32	68
ELLIS	25	16	22	63
ERATH		1		1
FALLS	1		1	2
FANNIN	2	3	6	11
FAYETTE		6	4	10
FISHER		1	1	2
FORT BEND	10	20	21	51
FRANKLIN		3	3	6
FREESTONE	4	7	1	12
FRIO	3	6	8	17
GAINES	7	9	1	17
GALVESTON	43	71	60	174
GARZA	1			1
GILLESPIE	1	1		2
GLASSCOCK	6	3	4	13
GOLIAD		1	2	3
GONZALES	2	11	5	18

COUNTY	HAZ SUB	OIL PROD	OTHER MAT	TOTAL
GRAY	1	1	3	5
GRAYSON	5	29	6	40
GREGG	4	46	14	64
GRIMES	2	5	1	8
GUADALUPE	8	28	9	45
HALE	5	4	6	15
HAMILTON			1	1
HANSFORD		1	2	3
HARDEMAN		2	1	3
HARDIN	1	12	6	19
HARRIS	769	669	446	1884
HARRISON	49	33	22	104
HASKELL		5		5
HAYS	2	7	8	17
HEMPHILL	1	2	2	5
HENDERSON	1	8	6	15
HIDALGO	4	12	11	27
HILL		2	3	5
HOCKLEY		6	3	9
HOOD	2	5	4	11
HOPKINS	1	5	3	9
HOUSTON	2	16	9	27
HOWARD	24	19	15	58
HUDSPETH		1		1
HUNT		14	8	22
HUTCHINSON	20	1	17	38
IRION		4		4
JACK	1	6	3	10
JACKSON	1	10	8	19
JASPER		6	2	8
JEFF DAVIS	1	1		2
JEFFERSON	750	155	155	1060
JIM WELLS	2	7	3	12
JOHNSON	3	13	13	29
JONES			1	1
KARNES	1	12	8	21
KAUFMAN	5	10	3	18
KENDALL		2	1	3
KENEDY		5		5

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COUNTY	HAZ SUB	OIL PROD	OTHER	TOTAL
KERR			2	2
KIMBLE		1	3	4
KLEBERG	1	5	7	13
LA SALLE	2	20	5	27
LAMAR	2	3	3	8
LAMB	4			4
LAMPASAS		1		1
LAVACA	5	4	6	15
LEE	1	5	7	13
LEON	1	5	4	10
LIBERTY	4	20	11	35
LIMESTONE	3	5	5	13
LIPSCOMB		3	1	4
LIVE OAK	15	15	17	47
LLANO		8	2	10
LOVING	4	3		7
LUBBOCK	3	7	11	21
LYNN	1		1	2
MADISON	1	6	6	13
MARION		4	3	7
MARTIN	16	6	15	37
MATAGORDA	6	12	5	23
MAVERICK		5	6	11
MCCULLOCH			1	1
MCLENNAN	14	18	12	44
MCMULLEN	4	7	2	13
MEDINA	1	3	2	6
MIDLAND	40	30	56	126
MILAM		1	8	9
MILLS		1		1
MITCHELL		4	2	6
MONTAGUE	4	7	7	18
MONTGOMERY	10	49	15	74
MOORE	14	10	15	39
MORRIS			3	3
NACOGDOCHES	2	14	3	19
NAVARRO	4	17	5	26
NEWTON	2	8	2	12

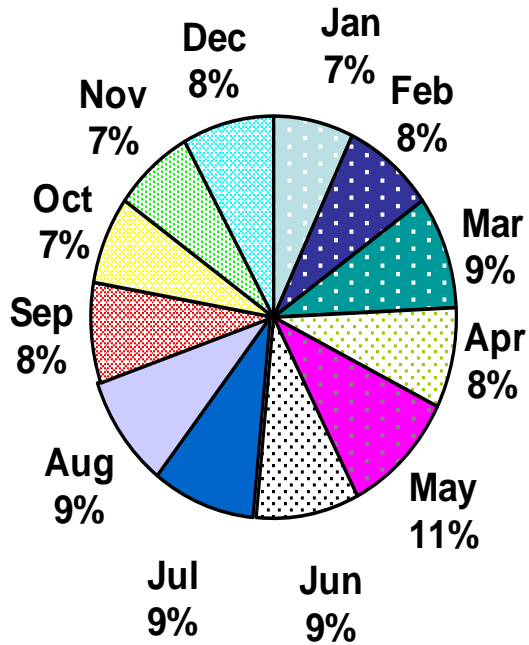
COUNTY	HAZ SUB	OIL PROD	OTHER	TOTAL
NOLAN		4	2	6
NUECES	210	109	112	431
OCHILTREE		2	2	4
OLDHAM		1		1
ORANGE	93	65	46	204
PALO PINTO	1	11	3	15
PANOLA	2	10	11	23
PARKER	1	6	8	15
PARMER	8	2	2	12
PECOS		2	6	8
POLK		10	11	21
POTTER	20	15	15	50
PRESIDIO			1	1
RANDALL			3	3
REAGAN	14	7	16	37
REAL		2	1	3
RED RIVER		2	3	5
REEVES	5	15	13	33
REFUGIO	2	5	2	9
ROBERTS		3	1	4
ROBERTSON	1	7	7	15
ROCKWALL		10	2	12
RUSK		12	7	19
SABINE		1	1	2
SAN AUGUSTINE		1	1	2
SAN JACINTO		2		2
SAN PATRICIO	49	30	26	105
SAN SABA			2	2
SCHLEICHER	1		2	3
SCURRY	1	16	3	20
SHACKELFORD		1		1
SHELBY	3	1	6	10
SHERMAN		1		1
SMITH	5	33	13	51
SOMERVELL			2	2
STARR		4	3	7
STEPHENS	1	21	5	27
STONEWALL		2		2

COUNTY	HAZ SUB	OIL PROD	OTHER	TOTAL
SUTTON	3			3
TARRANT	44	129	80	253
TAYLOR	1	7	4	12
TERRY	3	3	1	7
THROCKMORTON		1		1
TITUS	29	9	1	39
TOM GREEN	1	5	3	9
TRAVIS	12	35	31	78
TRINITY		2	1	3
TYLER		7	2	9
UPSHUR		7	5	12
UPTON	12	5	10	27
UVALDE		7	5	12
VAL VERDE		2	4	6
VAN ZANDT	1	11	7	19
VICTORIA	93	27	17	137
WALKER	1	5	2	8
WALLER		5	4	9
WARD	8	6	8	22
WASHINGTON	1	3		4
WEBB	3	25	7	35
WHARTON		5	11	16
WHEELER	1	3	2	6
WICHITA	4	8	3	15
WILBARGER	2	1	2	5
WILLACY	1	8	2	11
WILLIAMSON	3	11	24	38
WILSON		4	2	6
WINKLER	2	2	3	7
WISE	2	23	12	37
WOOD	1	9	5	15
YOAKUM	4	6	34	44
YOUNG	1	5	3	9
ZAPATA		2	1	3
ZAVALA		2	1	3

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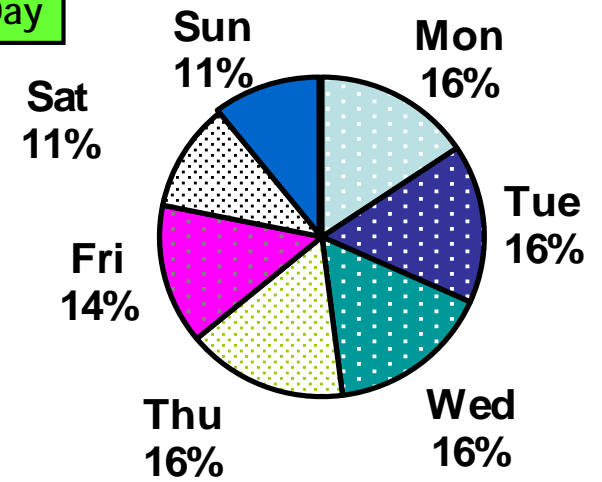
**Since 2000, more air release reports to EPA through the National Response Center have originated from Harris County (Greater Houston), Texas, than 47 States**



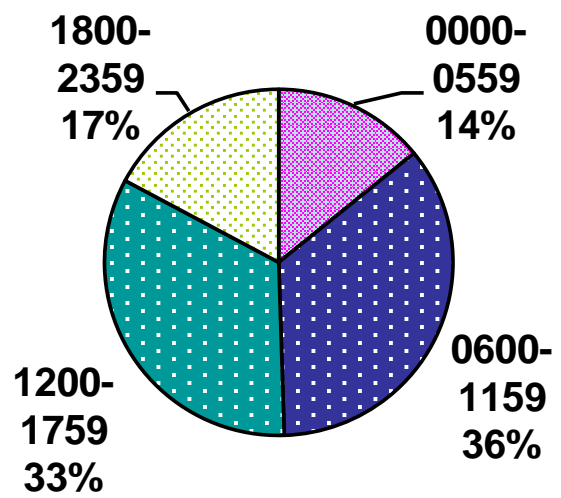


Month

Day



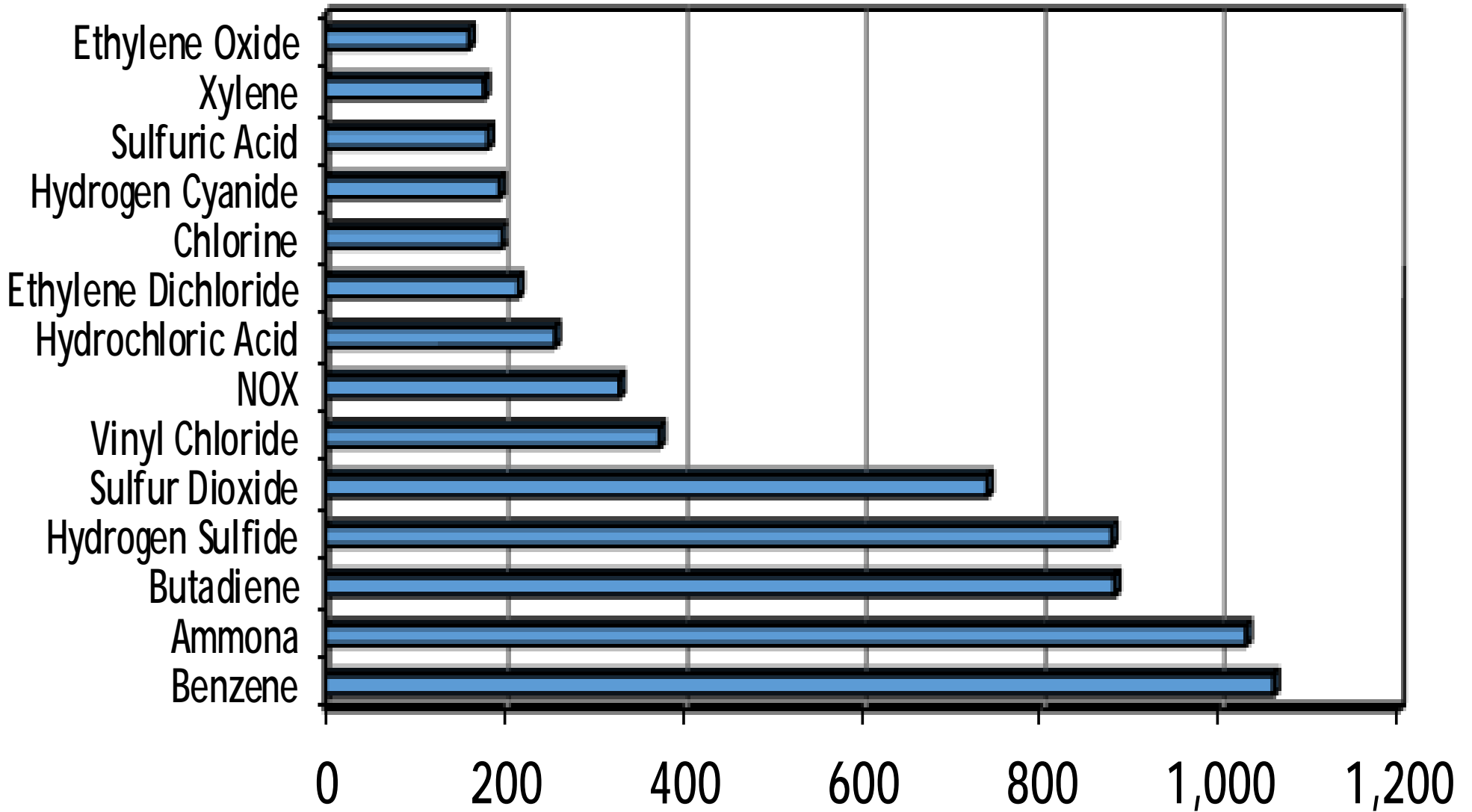
Time



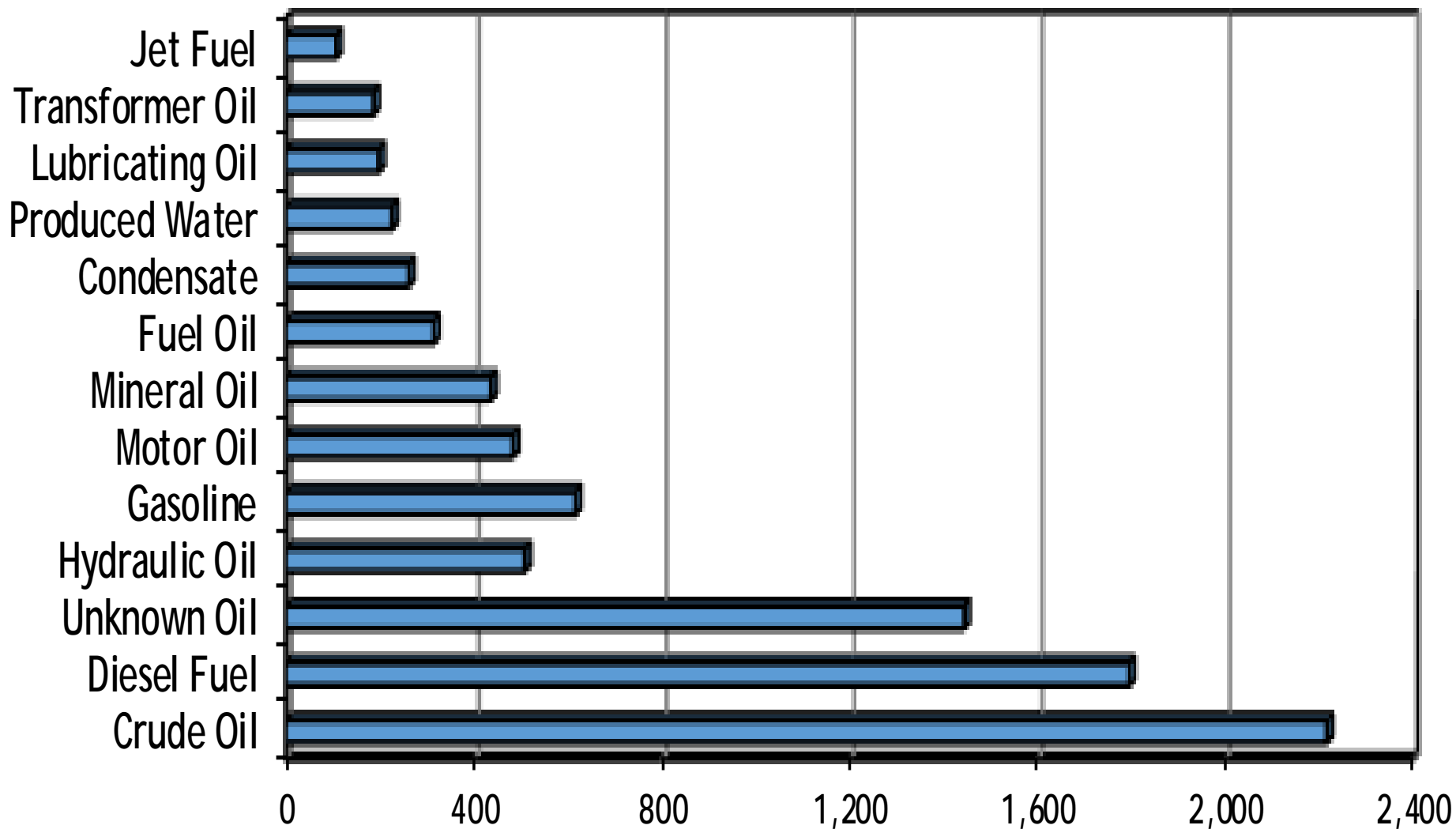
Releases are distributed:

- fairly evenly by month
- less releases on weekend days
- more in middle of day

The substances listed below account for 83 % of all hazardous material releases within Region 6 since 2012

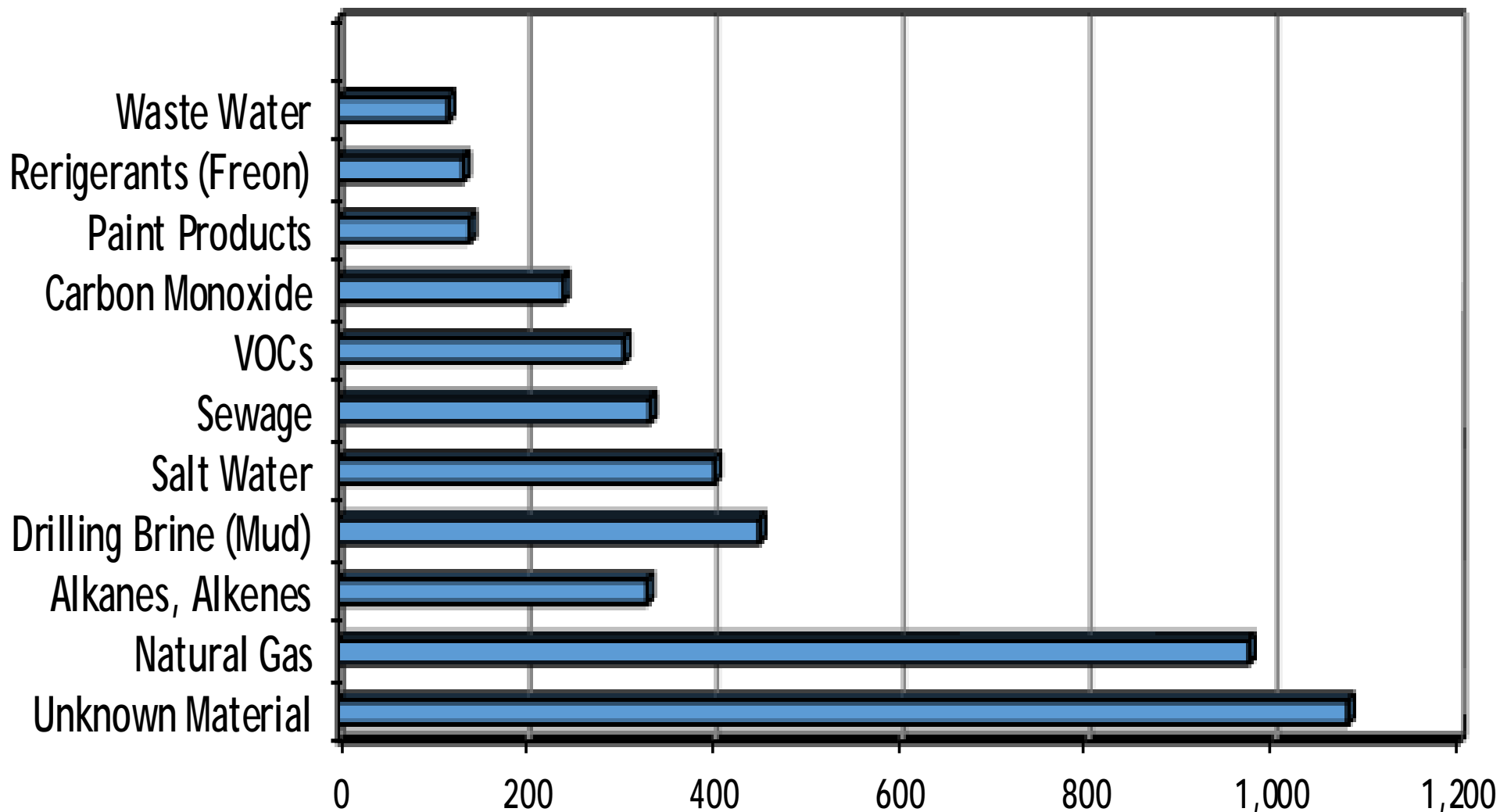


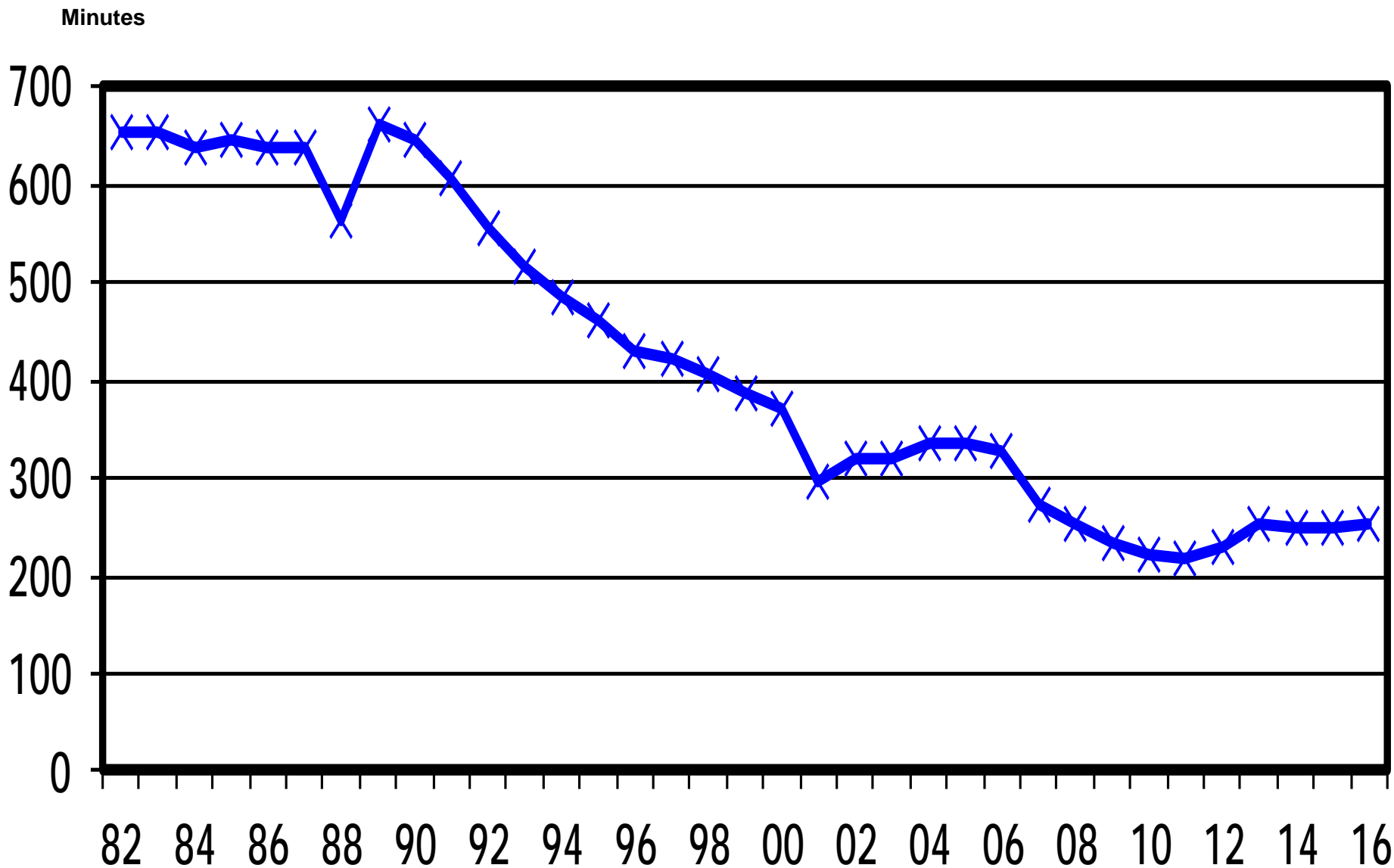
The oil / oil products listed below account for 88 % of all oil / oil product releases within Region 6 since 2011





The materials listed below account for 73 % of all other material releases within Region 6 since 2011





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

