

**OIL SPILLS IN U.S. WATERS  
1998**

During 1998, some of the most significant oil spills included:

- June 27, 1998 - The tank barge *CTCO 211*, in tow of the *M/V CHRISTINE CENAC*, collided with the *M/V AMERICAN HERITAGE* near Darrow, Louisiana. Approximately 154,000 gallons of crude oil was spilled into the Mississippi River, from the *CTCO 211*.
- January 23, 1998 - The Fishing Vessel *ADRIATIC SEA* sank in the south Pacific ocean, spilling approximately 118,000 gallons of diesel fuel.

SPILL SIZE	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
1 - 100 GALLONS	7962	95.80%	38,093	4.30%	5	1	100
101 - 1,000 GALLONS	259	3.10%	86,606	9.80%	334	250	1,000
1,001 - 3,000 GALLONS	54	0.60%	96,743	10.90%	1,792	1,661	3,000
3,001 - 5,000 GALLONS	15	0.20%	64,609	7.30%	4,307	4,300	5,000
5,001 - 10,000 GALLONS	15	0.20%	108,148	12.20%	7,210	7,000	10,000
10,001 - 50,000 GALLONS	8	0.10%	216,335	24.40%	27,042	30,653	38,147
100,001 - 1,000,000 GALLONS	2	0.00%	274,769	31.00%	137,385	137,385	154,713
YEAR-END STATISTICS	8315	100.00%	885,303	100.00%	106	1	154,713

WATERBODY	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
ATLANTIC OCEAN	109	1.30%	6,674	0.80%	61	3	1,800
PACIFIC OCEAN	644	7.70%	192,775	21.80%	299	1	120,056
GULF OF MEXICO	2190	26.30%	181,372	20.50%	83	1	37,346
GREAT LAKES	119	1.40%	3,006	0.30%	25	1	1,000
LAKES	25	0.30%	63	0.00%	3	1	20
RIVERS & CANALS	1944	23.40%	280,651	31.70%	144	1	154,713
BAYS & SOUNDS	891	10.70%	24,234	2.70%	27	1	5,000
HARBORS	790	9.50%	97,223	11.00%	123	1	38,136
OTHER	1603	19.30%	99,305	11.20%	62	1	7,700
YEAR-END STATISTICS	8315	100.00%	885,303	100.00%	106	1	154,713

LOCATION	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
INTERNAL/HEADLANDS	3688	44.40%	397,446	44.90%	108	1	154,713
COASTAL (0-3 M)	1226	14.70%	110,747	12.50%	90	1	30,000
CONTIGUOUS ZONE (3-12 M)	223	2.70%	10,818	1.20%	49	1	3,000
OCEAN (12-200 M)	1172	14.10%	89,099	10.10%	76	1	37,346
OCEAN GENERAL	392	4.70%	177,327	20.00%	452	1	120,056
OTHER	1614	19.40%	99,866	11.30%	62	1	7,700
YEAR-END STATISTICS	8315	100.00%	885,303	100.00%	106	1	154,713

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MAJOR SOURCE OVERVIEW	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
TANKSHIP	104	1.30%	56,673	6.40%	545	1	30,000
TANKBARGE	220	2.60%	248,089	28.00%	1,128	1	154,713
ALL OTHER VESSELS	4848	58.30%	316,473	35.70%	65	1	120,056
FACILITIES	937	11.30%	166,269	18.80%	177	1	37,346
PIPELINES	45	0.50%	47,863	5.40%	1,064	10	31,306
ALL OTHER NON-VESSEL SOURCES	571	6.90%	32,584	3.70%	57	2	7,485
UNKNOWN or OTHER	1590	19.10%	17,352	2.00%	11	1	5,000
YEAR-END STATISTICS	8315	100.00%	885,303	100.00%	106	1	154,713

DETAILED SOURCE	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
TANKSHIP	104	1.30%	56,673	6.40%	545	1	30,000
TANKBARGE	220	2.60%	248,089	28.00%	1,128	1	154,713
COMMERCIAL VESSEL	113	1.40%	2,146	0.20%	19	1	801
FISHING BOAT	593	7.10%	171,035	19.30%	288	1	120,056
FREIGHT BARGE	35	0.40%	3,280	0.40%	94	1	3,000
FREIGHT SHIP	175	2.10%	28,998	3.30%	166	1	7,500
INDUSTRIAL VESSEL	41	0.50%	1,933	0.20%	47	1	1,250
OIL RECOVERY	6	0.10%	6	0.00%	1	1	1
PASSENGER	195	2.30%	22,374	2.50%	115	1	10,090
PUBLIC VESSEL UNCLASSIFIED	178	2.10%	19,759	2.20%	111	3	9,000
RECREATIONAL	558	6.70%	5,000	0.60%	9	1	540
RESEARCH VESSEL	21	0.30%	32	0.00%	2	1	5
SCHOOL SHIP	4	0.00%	15	0.00%	4	2	10
TOWBOAT/TUGBOAT	455	5.50%	21,392	2.40%	47	1	5,150
UNCLASSIFIED VESSEL	2284	27.50%	28,130	3.20%	12	1	4,800
MODU	34	0.40%	117	0.00%	3	1	25
OSV	144	1.70%	11,887	1.30%	83	1	6,115
PUBLIC TANKSHIP/BARGE	7	0.10%	336	0.00%	48	10	210
PUBLIC FREIGHT	5	0.10%	33	0.00%	7	1	25
DESIGNATED WATERFRONT FACILITY	283	3.40%	60,741	6.90%	215	3	17,010
LAND FACILITY NONMARINE	90	1.10%	19,874	2.20%	221	5	6,048
FIXED PLATFORM	511	6.10%	65,547	7.40%	128	1	37,346
MOBILE FACILITY	28	0.30%	16,775	1.90%	599	3	7,700
MUNICIPAL FACILITY	25	0.30%	3,332	0.40%	133	5	1,000
OFFSHORE PIPELINE	10	0.10%	843	0.10%	84	55	250
ONSHORE PIPELINE	35	0.40%	47,020	5.30%	1,343	9	31,306
AIRCRAFT	9	0.10%	943	0.10%	105	5	441
OTHER LAND VEHICLE	54	0.60%	9,961	1.10%	184	3	7,485
OTHER RAILROAD EQUIPMENT	4	0.00%	305	0.00%	76	2	300
BRIDGE	1	0.00%	150	0.00%	150	150	150
FACTORY	5	0.10%	26	0.00%	5	3	10
FLEETING AREA	5	0.10%	123	0.00%	25	1	75
INDUSTRIAL FACILITY	35	0.40%	472	0.10%	13	3	100
INTAKES	1	0.00%	50	0.00%	50	50	50
LOCKS	3	0.00%	3	0.00%	1	1	1
MARINA	43	0.50%	505	0.10%	12	2	150
MARPOL RECEPTION	18	0.20%	2,938	0.30%	163	2	2,300
NON-VESSEL COMMON CARRIER	3	0.00%	1,206	0.10%	402	5	1,200
OUTFALL/SEWER/DRAIN	14	0.20%	615	0.10%	44	2	280
SHIPYARD/REPAIR FACILITY	50	0.60%	1,012	0.10%	20	2	600
SHORELINE	326	3.90%	14,275	1.60%	44	1	3,654
UNKNOWN or OTHER	1590	19.10%	17,352	2.00%	11	1	5,000
YEAR-END STATISTICS	8315	100.00%	885,303	100.00%	106	1	154,713

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OIL TYPE	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
CRUDE OILS	1593	19.20%	304,424	34.40%	191	1	154,713
HEAVY FUEL OILS	122	1.50%	63,885	7.20%	524	2	30,000
INTERMEDIATE FUEL OILS	2576	31.00%	299,337	33.80%	116	1	120,056
GASOLINE PRODUCTS	423	5.10%	82,499	9.30%	195	1	38,136
OTHER PETROLEUM OILS	3531	42.50%	70,145	7.90%	20	1	6,115
NON-PETROLEUM OILS	70	0.80%	65,013	7.30%	929	1	38,147
YEAR-END STATISTICS	8315	100.00%	885,303	100.00%	106	1	154,713

MONTH	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
JANUARY	659	7.90%	276,271	31.20%	419	1	120,056
FEBRUARY	570	6.90%	42,167	4.80%	74	1	14,300
MARCH	629	7.60%	16,557	1.90%	26	1	6,115
APRIL	656	7.90%	85,851	9.70%	131	1	38,147
MAY	781	9.40%	24,185	2.70%	31	1	5,000
JUNE	761	9.20%	191,072	21.60%	251	1	154,713
JULY	853	10.30%	24,298	2.70%	28	1	3,000
AUGUST	852	10.20%	34,745	3.90%	41	1	7,500
SEPTEMBER	703	8.50%	101,752	11.50%	145	1	38,136
OCTOBER	651	7.80%	38,826	4.40%	60	1	6,600
NOVEMBER	670	8.10%	34,118	3.90%	51	1	7,000
DECEMBER	530	6.40%	15,461	1.70%	29	1	3,000
YEAR-END STATISTICS	8315	100.00%	885,303	100.00%	106	1	154,713

COAST GUARD DISTRICT	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
FIRST	620	7.50%	97,635	11.00%	157	1	38,136
FIFTH	621	7.50%	31,362	3.50%	51	1	5,000
SEVENTH	919	11.10%	39,090	4.40%	43	1	14,300
EIGHTH	4224	50.80%	480,896	54.30%	114	1	154,713
NINTH	244	2.90%	7,859	0.90%	32	1	1,500
ELEVENTH	660	7.90%	57,188	6.50%	87	1	30,000
THIRTEENTH	369	4.40%	12,193	1.40%	33	1	5,000
FOURTEENTH	182	2.20%	143,234	16.20%	787	2	120,056
SEVENTEENTH	467	5.60%	15,734	1.80%	34	1	6,600
UNKNOWN	9	0.10%	112	0.00%	12	2	75
YEAR-END STATISTICS	8315	100.00%	885,303	100.00%	106	1	154,713

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STATE	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
Alaska	464	5.60%	15,727	1.80%	34	1	6,600
Alabama	147	1.80%	10,982	1.20%	75	1	4,800
Arkansas	2	0.00%	201	0.00%	101	101	200
American Samoa	23	0.30%	2,667	0.30%	116	1	1,100
California	667	8.00%	56,790	6.40%	85	1	30,000
Connecticut	43	0.50%	13,630	1.50%	317	1	7,700
District of Columbia	5	0.10%	20	0.00%	4	1	15
Delaware	11	0.10%	2,172	0.20%	197	1	2,100
Florida	804	9.70%	25,896	2.90%	32	1	14,300
Georgia	45	0.50%	2,875	0.30%	64	5	1,800
Guam	10	0.10%	226	0.00%	23	1	200
Hawaii	143	1.70%	20,273	2.30%	142	2	4,914
Iowa	5	0.10%	5	0.00%	1	1	1
Illinois	49	0.60%	256	0.00%	5	1	75
Indiana	24	0.30%	2,373	0.30%	99	1	2,016
Iowa	3	0.00%	1,105	0.10%	368	100	1,000
Kentucky	45	0.50%	3,292	0.40%	73	1	2,582
Louisiana	1985	23.90%	311,714	35.20%	157	1	154,713
Massachusetts	148	1.80%	11,166	1.30%	75	2	5,150
Maryland	108	1.30%	4,022	0.50%	37	1	2,050
Maine	90	1.10%	2,103	0.20%	23	2	755
Michigan	77	0.90%	4,328	0.50%	56	1	1,200
Minnesota	17	0.20%	7,795	0.90%	459	2	7,485
Missouri	22	0.30%	39,600	4.50%	1,800	1	38,147
North Mariana Islands	4	0.00%	11	0.00%	3	2	6
Mississippi	135	1.60%	2,741	0.30%	20	1	1,680
North Mariana Islands	2	0.00%	3,020	0.30%	1,510	1,510	2,520
North Carolina	170	2.00%	1,678	0.20%	10	1	300
Nebraska	1	0.00%	1	0.00%	1	1	1
New Hampshire	8	0.10%	57	0.00%	7	1	50
New Jersey	100	1.20%	21,023	2.40%	210	1	7,000
New York	256	3.10%	51,793	5.90%	202	1	38,136
Ohio	76	0.90%	627	0.10%	8	1	150
Oregon	131	1.60%	1,426	0.20%	11	1	569
Pennsylvania	64	0.80%	6,529	0.70%	102	9	3,947
Puerto Rico	57	0.70%	7,922	0.90%	139	1	6,648
Rhode Island	47	0.60%	2,493	0.30%	53	1	600
South Carolina	110	1.30%	3,515	0.40%	32	2	2,000
Tennessee	17	0.20%	30	0.00%	2	1	10
Texas	730	8.80%	62,212	7.00%	85	1	17,010
Virginia	282	3.40%	17,110	1.90%	61	1	5,000
Virgin Islands	25	0.30%	416	0.00%	17	2	102
Washington	241	2.90%	10,780	1.20%	45	1	5,000
Wisconsin	28	0.30%	587	0.10%	21	2	400
West Virginia	15	0.20%	33	0.00%	2	1	10
Unknown or beyond state waters	879	10.60%	152,081	17.20%	173	1	120,056
YEAR-END STATISTICS	8315	100.00%	885,303	100.00%	106	1	154,713

**CHEMICAL SPILLS IN U.S. WATERS (in gallons)  
1998**

During 1998, some of the most significant liquid chemical spills included:

- April 6, 1998 - Approximately 637,000 gallons of zinc bromide solution was spilled into the Gulf of Mexico from an oil platform, when a valve was left in the wrong position.
- August 22, 1998 - Approximately 250,000 gallons of waste water, from a shrimp processing facility, was discharged into a waterway near Port Isabel, Texas. The incident was referred to Texas state officials for further investigation.

SPILL SIZE	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
1 - 100 GALLONS	97	80.80%	941	0.10%	10	1	100
101 - 1,000 GALLONS	13	10.80%	4,586	0.50%	353	210	756
1,001 - 3,000 GALLONS	2	1.70%	5,240	0.60%	2,620	2,620	2,940
3,001 - 5,000 GALLONS	2	1.70%	8,570	0.90%	4,285	4,285	5,000
5,001 - 10,000 GALLONS	2	1.70%	14,106	1.50%	7,053	7,053	8,106
10,001 - 50,000 GALLONS	2	1.70%	26,124	2.80%	13,062	13,062	15,624
100,001 - 1,000,000 GALLONS	2	1.70%	887,560	93.70%	443,780	443,780	637,560
YEAR-END STATISTICS	120	100.00%	947,127	100.00%	7,893	2	637,560

WATERBODY	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
PACIFIC OCEAN	3	2.50%	719	0.10%	240	17	700
GULF OF MEXICO	32	26.70%	655,772	69.20%	20,493	1	637,560
GREAT LAKES	2	1.70%	55	0.00%	27	27	50
RIVERS & CANALS	35	29.20%	11,977	1.30%	342	2	6,000
BAYS & SOUNDS	5	4.20%	113	0.00%	23	1	100
HARBORS	17	14.20%	11,647	1.20%	685	3	10,500
OTHER	26	21.70%	266,844	28.20%	10,263	5	250,000
YEAR-END STATISTICS	120	100.00%	947,127	100.00%	7,893	2	637,560

LOCATION	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
INTERNAL/HEADLANDS	60	50.00%	23,794	2.50%	397	2	10,500
COASTAL (0-3 M)	3	2.50%	19	0.00%	6	1	17
CONTIGUOUS ZONE (3-12 M)	1	0.80%	165	0.00%	165	165	165
OCEAN (12-200 M)	22	18.30%	653,294	69.00%	29,685	3	637,560
OCEAN GENERAL	8	6.70%	3,011	0.30%	376	2	2,300
OTHER	26	21.70%	266,844	28.20%	10,263	5	250,000
YEAR-END STATISTICS	120	100.00%	947,127	100.00%	7,893	2	637,560

**CHEMICAL SPILLS IN U.S. WATERS (in gallons)  
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MAJOR SOURCE OVERVIEW	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
TANKSHIP	9	7.50%	514	0.10%	57	5	200
TANKBARGE	15	12.50%	242	0.00%	16	2	193
ALL OTHER VESSELS	27	22.50%	20,837	2.20%	772	1	15,624
FACILITIES	30	25.00%	665,813	70.30%	22,194	10	637,560
ALL OTHER NON-VESSEL SOURCES	13	10.80%	6,284	0.70%	483	2	6,000
UNKNOWN or OTHER	26	21.70%	253,437	26.80%	9,748	1	250,000
YEAR-END STATISTICS	120	100.00%	947,127	100.00%	7,893	2	637,560

DETAILED SOURCE	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
TANKSHIP	9	7.50%	514	0.10%	57	5	200
TANKBARGE	15	12.50%	242	0.00%	16	2	193
COMMERCIAL VESSEL	1	0.80%	1	0.00%	1	1	1
FISHING BOAT	2	1.70%	3	0.00%	2	2	2
PUBLIC VESSEL UNCLASSIFIED	3	2.50%	701	0.10%	234	200	500
UNCLASSIFIED VESSEL	9	7.50%	16,398	1.70%	1,822	5	15,624
MODU	5	4.20%	760	0.10%	152	1	756
OSV	7	5.80%	2,974	0.30%	425	5	2,940
DESIGNATED WATERFRONT FACILITY	13	10.80%	15,856	1.70%	1,220	10	10,500
LAND FACILITY NONMARINE	4	3.30%	26	0.00%	7	8	10
FIXED PLATFORM	12	10.00%	649,681	68.60%	54,140	30	637,560
MUNICIPAL FACILITY	1	0.80%	250	0.00%	250	250	250
OTHER LAND VEHICLE	1	0.80%	1	0.00%	1	1	1
FACTORY	1	0.80%	6,000	0.60%	6,000	6,000	6,000
INDUSTRIAL FACILITY	2	1.70%	210	0.00%	105	105	200
PERMANENTLY MOORED	1	0.80%	2	0.00%	2	2	2
SHORELINE	8	6.70%	71	0.00%	9	1	50
UNKNOWN or OTHER	26	21.70%	253,437	26.80%	9,748	1	250,000
YEAR-END STATISTICS	120	100.00%	947,127	100.00%	7,893	2	637,560

MONTH	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
JANUARY	9	7.50%	978	0.10%	109	2	702
FEBRUARY	5	4.20%	6,004	0.60%	1,201	1	6,000
MARCH	8	6.70%	112	0.00%	14	1	100
APRIL	9	7.50%	637,787	67.30%	70,865	2	637,560
MAY	11	9.20%	10,736	1.10%	976	2	10,500
JUNE	17	14.20%	11,937	1.30%	702	1	5,000
JULY	14	11.70%	3,745	0.40%	268	13	2,300
AUGUST	10	8.30%	258,405	27.30%	25,840	10	250,000
SEPTEMBER	7	5.80%	12	0.00%	2	1	4
OCTOBER	11	9.20%	1,089	0.10%	99	5	700
NOVEMBER	6	5.00%	15,638	1.70%	2,606	1	15,624
DECEMBER	13	10.80%	684	0.10%	53	3	500
YEAR-END STATISTICS	120	100.00%	947,127	100.00%	7,893	2	637,560

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1998**

COAST GUARD DISTRICT	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
FIRST	9	7.50%	135	0.00%	15	1	100
FIFTH	7	5.80%	405	0.00%	58	2	300
SEVENTH	7	5.80%	474	0.10%	68	10	250
EIGHTH	86	71.70%	944,431	99.70%	10,982	2	637,560
NINTH	4	3.30%	455	0.00%	114	125	200
ELEVENTH	3	2.50%	1,201	0.10%	400	500	700
THIRTEENTH	2	1.70%	7	0.00%	4	4	6
SEVENTEENTH	2	1.70%	19	0.00%	10	10	17
YEAR-END STATISTICS	120	100.00%	947,127	100.00%	7,893	2	637,560

STATE	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
Alaska	2	1.70%	19	0.00%	10	10	17
California	3	2.50%	1,201	0.10%	400	500	700
Florida	5	4.20%	471	0.00%	94	10	250
Indiana	1	0.80%	50	0.00%	50	50	50
Louisiana	24	20.00%	5,681	0.60%	237	1	2,940
Massachusetts	5	4.20%	14	0.00%	3	1	10
Maryland	1	0.80%	1	0.00%	1	1	1
Michigan	1	0.80%	5	0.00%	5	5	5
Missouri	1	0.80%	2	0.00%	2	2	2
Mississippi	3	2.50%	713	0.10%	238	10	702
New Jersey	3	2.50%	21	0.00%	7	10	10
New York	1	0.80%	200	0.00%	200	200	200
Ohio	1	0.80%	200	0.00%	200	200	200
Oregon	1	0.80%	6	0.00%	6	6	6
Pennsylvania	2	1.70%	6,300	0.70%	3,150	3,150	6,000
Puerto Rico	1	0.80%	1	0.00%	1	1	1
Rhode Island	1	0.80%	100	0.00%	100	100	100
Tennessee	1	0.80%	5,000	0.50%	5,000	5,000	5,000
Texas	28	23.30%	260,899	27.50%	9,318	3	250,000
Virginia	5	4.20%	104	0.00%	21	2	50
Virgin Islands	1	0.80%	2	0.00%	2	2	2
Washington	1	0.80%	1	0.00%	1	1	1
Unknown or beyond state waters	28	23.30%	666,136	70.30%	23,791	4	637,560
YEAR-END STATISTICS	120	100.00%	947,127	100.00%	7,893	2	637,560

**CHEMICAL SPILLS IN U.S. WATERS (in pounds)  
1998**

During 1998, the most significant non-liquid chemical spills included:

- August 12, 1998 - Approximately 431,000 pounds of hydrazine, nitrogen tetroxide and other fuel components were spilled into the Atlantic Ocean, near Cape Canaveral, Florida when a Titan IV rocket exploded shortly after launch. Salvage operations were conducted by the U.S. Air Force.
- October 7, 1998 - Approximately 288,000 pounds of aluminum sulfate overflowed from a facility near Mobile, Alabama, during heavy rains from hurricane *Georges*.

SPILL SIZE	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (POUNDS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
1 - 100 POUNDS	17	53.10%	502	0.10%	30	10	100
101 - 1,000 POUNDS	2	6.30%	335	0.00%	167	167	200
1,001 - 3,000 POUNDS	5	15.60%	9,655	1.20%	1,931	1,964	3,000
3,001 - 5,000 POUNDS	1	3.10%	3,600	0.40%	3,600	3,600	3,600
5,001 - 10,000 POUNDS	2	6.30%	16,290	2.00%	8,145	8,145	9,490
10,001 - 50,000 POUNDS	3	9.40%	51,412	6.40%	17,137	14,000	26,590
100,001 - 1,000,000 POUNDS	2	6.30%	719,873	89.80%	359,936	359,936	431,603
YEAR-END STATISTICS	32	100.00%	801,667	100.00%	25,052	98	431,603

WATERBODY	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (POUNDS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
ATLANTIC OCEAN	1	3.10%	431,603	53.80%	431,603	431,603	431,603
PACIFIC OCEAN	3	9.40%	1,972	0.20%	657	5	1,964
GULF OF MEXICO	1	3.10%	10,822	1.30%	10,822	10,822	10,822
RIVERS & CANALS	8	25.00%	299,938	37.40%	37,492	1,346	288,270
BAYS & SOUNDS	4	12.50%	26,612	3.30%	6,653	11	26,590
HARBORS	6	18.80%	334	0.00%	56	44	135
OTHER	9	28.10%	30,386	3.80%	3,376	200	14,000
YEAR-END STATISTICS	32	100.00%	801,667	100.00%	25,052	98	431,603

LOCATION	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (POUNDS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
INTERNAL/HEADLANDS	17	53.10%	326,883	40.80%	19,228	95	288,270
COASTAL (0-3 M)	5	15.60%	433,576	54.10%	86,715	5	431,603
OCEAN (12-200 M)	1	3.10%	10,822	1.30%	10,822	10,822	10,822
OTHER	9	28.10%	30,386	3.80%	3,376	200	14,000
YEAR-END STATISTICS	32	100.00%	801,667	100.00%	25,052	98	431,603



**CHEMICAL SPILLS IN U.S. WATERS (in pounds)  
1998**

MAJOR SOURCE OVERVIEW	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (POUNDS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
TANKSHIP	2	6.30%	20	0.00%	10	10	10
TANKBARGE	2	6.30%	136	0.00%	68	68	136
ALL OTHER VESSELS	4	12.50%	11,026	1.40%	2,757	102	10,822
FACILITIES	9	28.10%	465,393	58.10%	51,710	1,964	431,603
ALL OTHER NON-VESSEL SOURCES	10	31.30%	311,961	38.90%	31,196	704	288,270
UNKNOWN or OTHER	5	15.60%	13,131	1.60%	2,626	20	9,490
YEAR-END STATISTICS	32	100.00%	801,667	100.00%	25,052	98	431,603

DETAILED SOURCE	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (POUNDS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
TANKSHIP	2	6.30%	20	0.00%	10	10	10
TANKBARGE	2	6.30%	136	0.00%	68	68	136
PASSENGER	1	3.10%	3	0.00%	3	3	3
PUBLIC VESSEL UNCLASSIFIED	1	3.10%	1	0.00%	1	1	1
MODU	1	3.10%	10,822	1.30%	10,822	10,822	10,822
OSV	1	3.10%	200	0.00%	200	200	200
DESIGNATED WATERFRONT FACILITY	8	25.00%	33,790	4.20%	4,224	1,030	26,590
LAND FACILITY NONMARINE	1	3.10%	431,603	53.80%	431,603	431,603	431,603
AIRCRAFT	1	3.10%	5	0.00%	5	5	5
INDUSTRIAL FACILITY	6	18.80%	311,854	38.90%	51,976	4,091	288,270
SHORELINE	3	9.40%	102	0.00%	34	1	100
UNKNOWN or OTHER	5	15.60%	13,131	1.60%	2,626	20	9,490
YEAR-END STATISTICS	32	100.00%	801,667	100.00%	25,052	98	431,603

MONTH	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (POUNDS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
JANUARY	3	9.40%	9,572	1.20%	3,191	62	9,490
FEBRUARY	4	12.50%	10,411	1.30%	2,603	1,805	6,800
MARCH	3	9.40%	16,135	2.00%	5,378	2,000	14,000
APRIL	3	9.40%	89	0.00%	30	10	78
JUNE	1	3.10%	1	0.00%	1	1	1
JULY	3	9.40%	26,688	3.30%	8,896	93	26,590
AUGUST	4	12.50%	435,912	54.40%	108,978	2,154	431,603
SEPTEMBER	3	9.40%	24	0.00%	8	3	20
OCTOBER	7	21.90%	302,735	37.80%	43,248	1,383	288,270
NOVEMBER	1	3.10%	100	0.00%	100	100	100
YEAR-END STATISTICS	32	100.00%	801,667	100.00%	25,052	98	431,603

**CHEMICAL SPILLS IN U.S. WATERS (in pounds)  
1998**

COAST GUARD DISTRICT	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (POUNDS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
FIRST	3	9.40%	102	0.00%	34	1	100
FIFTH	1	3.10%	20	0.00%	20	20	20
SEVENTH	2	6.30%	431,604	53.80%	215,802	215,802	431,603
EIGHTH	18	56.30%	345,765	43.10%	19,209	167	288,270
NINTH	3	9.40%	22,183	2.80%	7,394	6,800	14,000
ELEVENTH	1	3.10%	20	0.00%	20	20	20
FOURTEENTH	3	9.40%	1,972	0.20%	657	5	1,964
SEVENTEENTH	1	3.10%	1	0.00%	1	1	1
YEAR-END STATISTICS	32	100.00%	801,667	100.00%	25,052	98	431,603

STATE	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (POUNDS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
Alaska	1	3.10%	1	0.00%	1	1	1
Alabama	1	3.10%	288,270	36.00%	288,270	288,270	288,270
California	1	3.10%	20	0.00%	20	20	20
Florida	1	3.10%	431,603	53.80%	431,603	431,603	431,603
Hawaii	3	9.40%	1,972	0.20%	657	5	1,964
Louisiana	9	28.10%	33,949	4.20%	3,772	200	26,590
Maine	1	3.10%	1	0.00%	1	1	1
Mississippi	2	6.30%	12,490	1.60%	6,245	6,245	9,490
New York	5	15.60%	22,284	2.80%	4,457	1,383	14,000
Puerto Rico	1	3.10%	1	0.00%	1	1	1
Texas	5	15.60%	234	0.00%	47	10	135
Virginia	1	3.10%	20	0.00%	20	20	20
Unknown or beyond state waters	1	3.10%	10,822	1.30%	10,822	10,822	10,822
YEAR-END STATISTICS	32	100.00%	801,667	100.00%	25,052	98	431,603

**OTHER SPILLS IN U.S. WATERS (in gallons)  
1998**

SPILL SIZE	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
1 - 100 GALLONS	84	93.30%	582	11.20%	7	1	100
101 - 1,000 GALLONS	5	5.60%	1,845	35.50%	369	125	1,000
1,001 - 3,000 GALLONS	1	1.10%	2,772	53.30%	2,772	2,772	2,772
YEAR-END STATISTICS	90	100.00%	5,199	100.00%	58	1	2,772

WATERBODY	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
ATLANTIC OCEAN	1	1.10%	1	0.00%	1	1	1
GULF OF MEXICO	26	28.90%	2,841	54.60%	109	1	2,772
LAKES	1	1.10%	500	9.60%	500	500	500
RIVERS & CANALS	35	38.90%	1,207	23.20%	34	1	1,000
BAYS & SOUNDS	7	7.80%	60	1.20%	9	1	50
HARBORS	2	2.20%	10	0.20%	5	5	5
OTHER	18	20.00%	580	11.20%	32	1	125
YEAR-END STATISTICS	90	100.00%	5,199	100.00%	58	1	2,772

LOCATION	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
INTERNAL/HEADLANDS	44	48.90%	1,776	34.20%	40	1	1,000
COASTAL (0-3 M)	9	10.00%	2,819	54.20%	313	1	2,772
CONTIGUOUS ZONE (3-12 M)	4	4.40%	4	0.10%	1	1	1
OCEAN (12-200 M)	7	7.80%	7	0.10%	1	1	1
OCEAN GENERAL	8	8.90%	13	0.30%	2	1	5
OTHER	18	20.00%	580	11.20%	32	1	125
YEAR-END STATISTICS	90	100.00%	5,199	100.00%	58	1	2,772

MAJOR SOURCE OVERVIEW	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
TANK BARGE	2	2.20%	2	0.00%	1	1	1
ALL OTHER VESSELS	37	41.10%	372	7.20%	10	1	125
FACILITIES	7	7.80%	114	2.20%	16	1	50
PIPELINES	2	2.20%	150	2.90%	75	75	110
ALL OTHER NON-VESSEL SOURCES	9	10.00%	1,724	33.20%	192	15	1,000
UNKNOWN or OTHER	33	36.70%	2,837	54.60%	86	1	2,772
YEAR-END STATISTICS	90	100.00%	5,199	100.00%	58	1	2,772

**OTHER SPILLS IN U.S. WATERS (in gallons)  
1998**

DETAILED SOURCE	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
TANKBARGE	2	2.20%	2	0.00%	1	1	1
COMMERCIAL VESSEL	1	1.10%	1	0.00%	1	1	1
FREIGHT SHIP	1	1.10%	20	0.40%	20	20	20
INDUSTRIAL VESSEL	2	2.20%	2	0.00%	1	1	1
PASSENGER	1	1.10%	1	0.00%	1	1	1
PUBLIC VESSEL UNCLASSIFIED	5	5.60%	207	4.00%	41	5	125
UNCLASSIFIED VESSEL	26	28.90%	140	2.70%	5	1	110
MODU	1	1.10%	1	0.00%	1	1	1
DESIGNATED WATERFRONT FACILITY	1	1.10%	50	1.00%	50	50	50
LAND FACILITY NONMARINE	1	1.10%	50	1.00%	50	50	50
FIXED PLATFORM	4	4.40%	4	0.10%	1	1	1
MUNICIPAL FACILITY	1	1.10%	10	0.20%	10	10	10
ONSHORE PIPELINE	2	2.20%	150	2.90%	75	75	110
FACTORY	1	1.10%	500	9.60%	500	500	500
INDUSTRIAL FACILITY	2	2.20%	1,100	21.20%	550	550	1,000
SHORELINE	6	6.70%	124	2.40%	21	4	100
UNKNOWN or OTHER	33	36.70%	2,837	54.60%	86	1	2,772
YEAR-END STATISTICS	90	100.00%	5,199	100.00%	58	1	2,772

MONTH	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
JANUARY	5	5.60%	252	4.80%	50	50	100
FEBRUARY	8	8.90%	185	3.60%	23	4	125
MARCH	10	11.10%	1,013	19.50%	101	1	1,000
APRIL	6	6.70%	18	0.30%	3	3	5
MAY	7	7.80%	520	10.00%	74	1	500
JUNE	4	4.40%	117	2.30%	29	3	110
JULY	10	11.10%	14	0.30%	1	1	5
AUGUST	17	18.90%	71	1.40%	4	1	50
SEPTEMBER	11	12.20%	2,910	56.00%	265	1	2,772
OCTOBER	6	6.70%	88	1.70%	15	3	75
NOVEMBER	5	5.60%	10	0.20%	2	1	6
DECEMBER	1	1.10%	1	0.00%	1	1	1
YEAR-END STATISTICS	90	100.00%	5,199	100.00%	58	1	2,772

**OTHER SPILLS IN U.S. WATERS (in gallons)  
1998**

COAST GUARD DISTRICT	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
FIRST	3	3.30%	20	0.40%	7	5	10
FIFTH	15	16.70%	346	6.70%	23	5	125
SEVENTH	6	6.70%	110	2.10%	18	2	100
EIGHTH	58	64.40%	4,084	78.60%	70	1	2,772
NINTH	2	2.20%	506	9.70%	253	253	500
ELEVENTH	3	3.30%	7	0.10%	2	1	5
THIRTEENTH	1	1.10%	1	0.00%	1	1	1
FOURTEENTH	1	1.10%	110	2.10%	110	110	110
SEVENTEENTH	1	1.10%	15	0.30%	15	15	15
YEAR-END STATISTICS	90	100.00%	5,199	100.00%	58	1	2,772

STATE	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (GALLONS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
Alaska	1	1.10%	15	0.30%	15	15	15
Alabama	2	2.20%	2	0.00%	1	1	1
California	3	3.30%	7	0.10%	2	1	5
Delaware	1	1.10%	1	0.00%	1	1	1
Florida	4	4.40%	5	0.10%	1	1	2
Guam	1	1.10%	110	2.10%	110	110	110
Kentucky	1	1.10%	1	0.00%	1	1	1
Louisiana	33	36.70%	2,956	56.90%	90	1	2,772
Massachusetts	1	1.10%	5	0.10%	5	5	5
Maryland	1	1.10%	1	0.00%	1	1	1
Michigan	1	1.10%	500	9.60%	500	500	500
Mississippi	1	1.10%	1	0.00%	1	1	1
North Carolina	1	1.10%	1	0.00%	1	1	1
New York	1	1.10%	10	0.20%	10	10	10
Ohio	1	1.10%	6	0.10%	6	6	6
Oregon	1	1.10%	1	0.00%	1	1	1
Pennsylvania	2	2.20%	1,005	19.30%	503	503	1,000
Rhode Island	1	1.10%	5	0.10%	5	5	5
South Carolina	2	2.20%	105	2.00%	52	52	100
Texas	11	12.20%	110	2.10%	10	1	100
Virginia	12	13.30%	343	6.60%	29	5	125
Unknown or beyond state waters	8	8.90%	9	0.20%	1	1	2
YEAR-END STATISTICS	90	100.00%	5,199	100.00%	58	1	2,772

**OTHER SPILLS IN U.S. WATERS (in pounds)  
1998**

SPILL SIZE	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (POUNDS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
1 - 100 POUNDS	12	92.30%	145	42.00%	12	3	50
101 - 1,000 POUNDS	1	7.70%	200	58.00%	200	200	200
YEAR-END STATISTICS	13	100.00%	345	100.00%	27	3	200

WATERBODY	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (POUNDS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
ATLANTIC OCEAN	1	7.70%	50	14.50%	50	50	50
PACIFIC OCEAN	1	7.70%	40	11.60%	40	40	40
GULF OF MEXICO	2	15.40%	201	58.30%	101	101	200
GREAT LAKES	1	7.70%	10	2.90%	10	10	10
RIVERS & CANALS	1	7.70%	30	8.70%	30	30	30
BAYS & SOUNDS	1	7.70%	2	0.60%	2	2	2
HARBORS	3	23.10%	3	0.90%	1	1	1
OTHER	3	23.10%	9	2.60%	3	3	5
YEAR-END STATISTICS	13	100.00%	345	100.00%	27	3	200

LOCATION	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (POUNDS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
INTERNAL/HEADLANDS	6	46.20%	45	13.00%	8	2	30
COASTAL (0-3 M)	2	15.40%	41	11.90%	21	21	40
CONTIGUOUS ZONE (3-12 M)	1	7.70%	50	14.50%	50	50	50
OCEAN GENERAL	1	7.70%	200	58.00%	200	200	200
OTHER	3	23.10%	9	2.60%	3	3	5
YEAR-END STATISTICS	13	100.00%	345	100.00%	27	3	200

MAJOR SOURCE OVERVIEW	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (POUNDS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
TANKSHIP	2	15.40%	3	0.90%	2	2	2
ALL OTHER VESSELS	3	23.10%	56	16.20%	19	5	50
FACILITIES	3	23.10%	71	20.60%	24	30	40
PIPELINES	1	7.70%	200	58.00%	200	200	200
ALL OTHER NON-VESSEL SOURCES	4	30.80%	15	4.30%	4	2	10
YEAR-END STATISTICS	13	100.00%	345	100.00%	27	3	200

**OTHER SPILLS IN U.S. WATERS (in pounds)  
1998**

DETAILED SOURCE	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (POUNDS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
TANKSHIP	2	15.40%	3	0.90%	2	2	2
UNCLASSIFIED VESSEL	3	23.10%	56	16.20%	19	5	50
DESIGNATED WATERFRONT FACILITY	2	15.40%	31	9.00%	16	16	30
LAND FACILITY NONMARINE	1	7.70%	40	11.60%	40	40	40
ONSHORE PIPELINE	1	7.70%	200	58.00%	200	200	200
MARINA	1	7.70%	1	0.30%	1	1	1
SHORELINE	3	23.10%	14	4.10%	5	3	10
YEAR-END STATISTICS	13	100.00%	345	100.00%	27	3	200

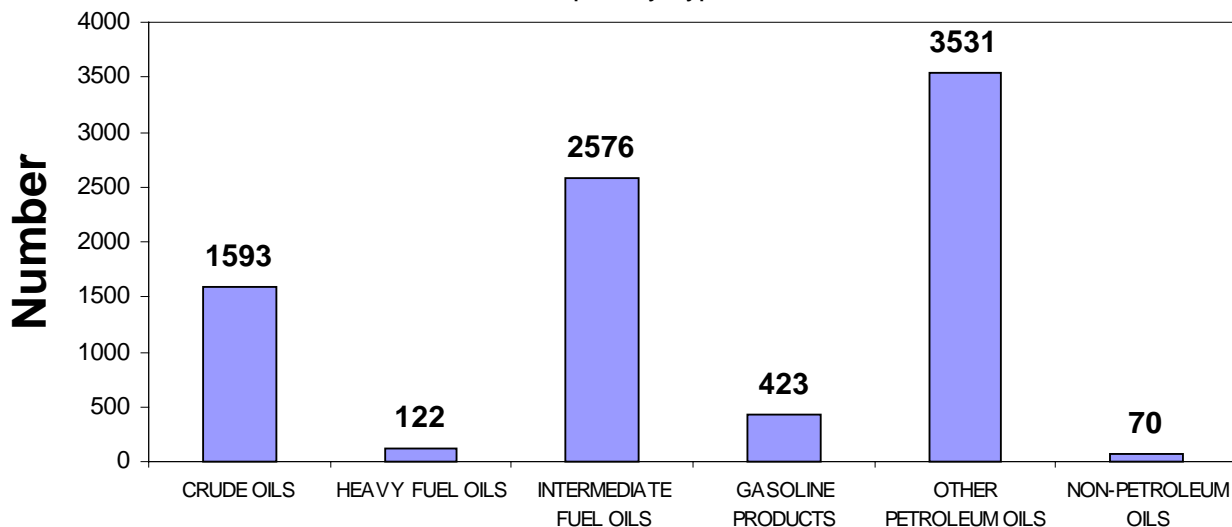
MONTH	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (POUNDS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
JANUARY	1	7.70%	1	0.30%	1	1	1
FEBRUARY	1	7.70%	30	8.70%	30	30	30
MARCH	3	23.10%	44	12.80%	15	3	40
APRIL	2	15.40%	6	1.70%	3	3	5
JULY	1	7.70%	200	58.00%	200	200	200
AUGUST	2	15.40%	52	15.10%	26	26	50
SEPTEMBER	1	7.70%	10	2.90%	10	10	10
NOVEMBER	1	7.70%	1	0.30%	1	1	1
DECEMBER	1	7.70%	1	0.30%	1	1	1
YEAR-END STATISTICS	13	100.00%	345	100.00%	27	3	200

COAST GUARD DISTRICT	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (POUNDS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
FIRST	5	38.50%	12	3.50%	2	2	5
FIFTH	1	7.70%	50	14.50%	50	50	50
EIGHTH	4	30.80%	232	67.20%	58	16	200
NINTH	1	7.70%	10	2.90%	10	10	10
ELEVENTH	1	7.70%	1	0.30%	1	1	1
FOURTEENTH	1	7.70%	40	11.60%	40	40	40
YEAR-END STATISTICS	13	100.00%	345	100.00%	27	3	200

STATE	NUMBER OF SPILLS	% OF SPILL INCIDENTS	SPILL VOLUME (POUNDS)	% OF SPILL VOLUME	AVERAGE SPILL SIZE	MEDIAN SPILL SIZE	MAXIMUM SPILL SIZE
California	1	7.70%	1	0.30%	1	1	1
Hawaii	1	7.70%	40	11.60%	40	40	40
Louisiana	1	7.70%	1	0.30%	1	1	1
Maine	3	23.10%	4	1.20%	1	1	2
North Carolina	1	7.70%	50	14.50%	50	50	50
New York	2	15.40%	8	2.30%	4	4	5
Pennsylvania	1	7.70%	30	8.70%	30	30	30
Texas	2	15.40%	201	58.30%	101	101	200
Wisconsin	1	7.70%	10	2.90%	10	10	10
YEAR-END STATISTICS	13	100.00%	345	100.00%	27	3	200

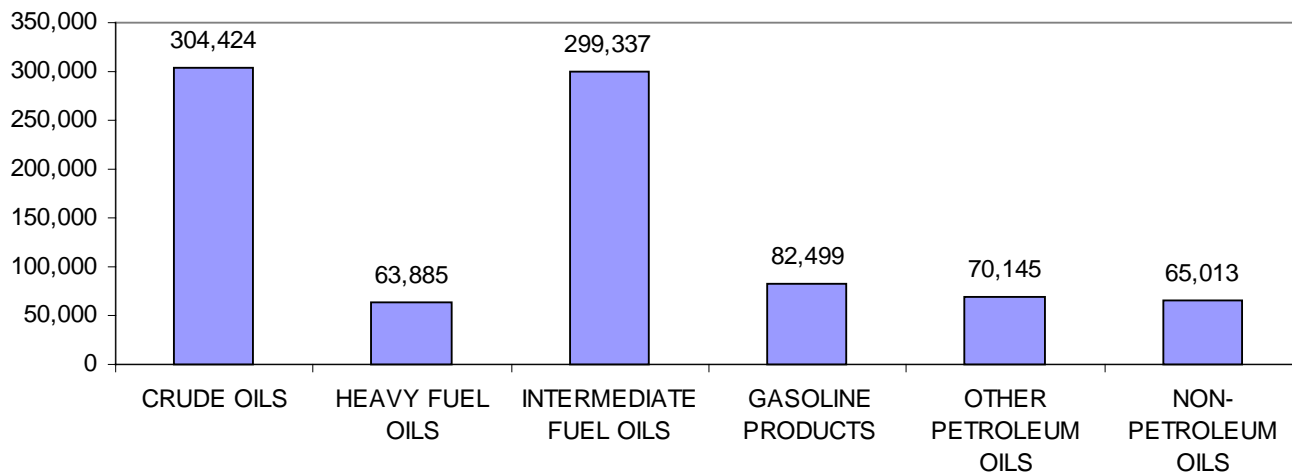
## OIL SPILLS IN U.S. WATERS 1998

Number of Spills by Type of Oil



## OIL SPILLS IN U.S. WATERS 1998

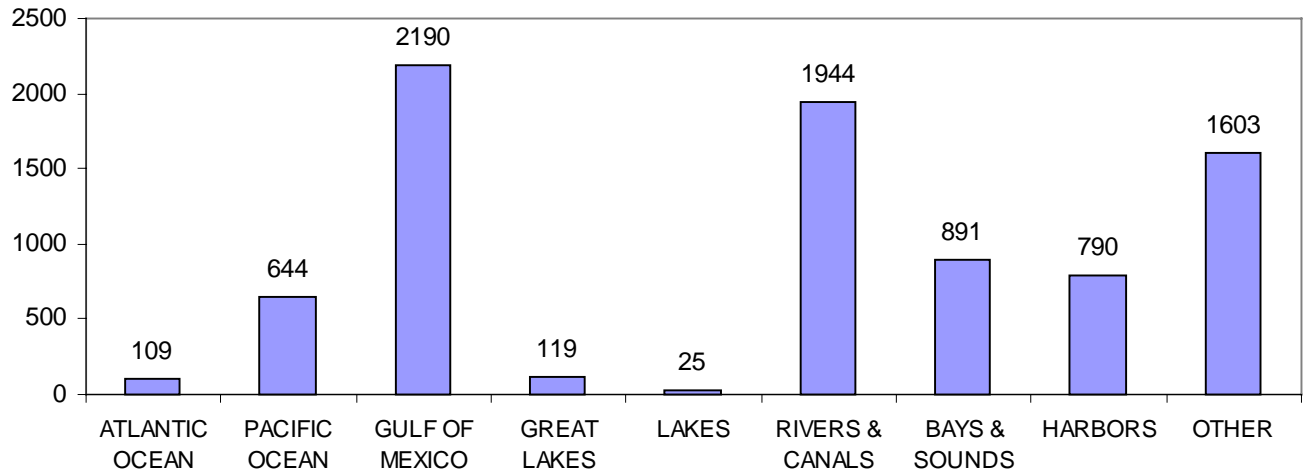
Volume of Spills by Type of Oil (Gallons)





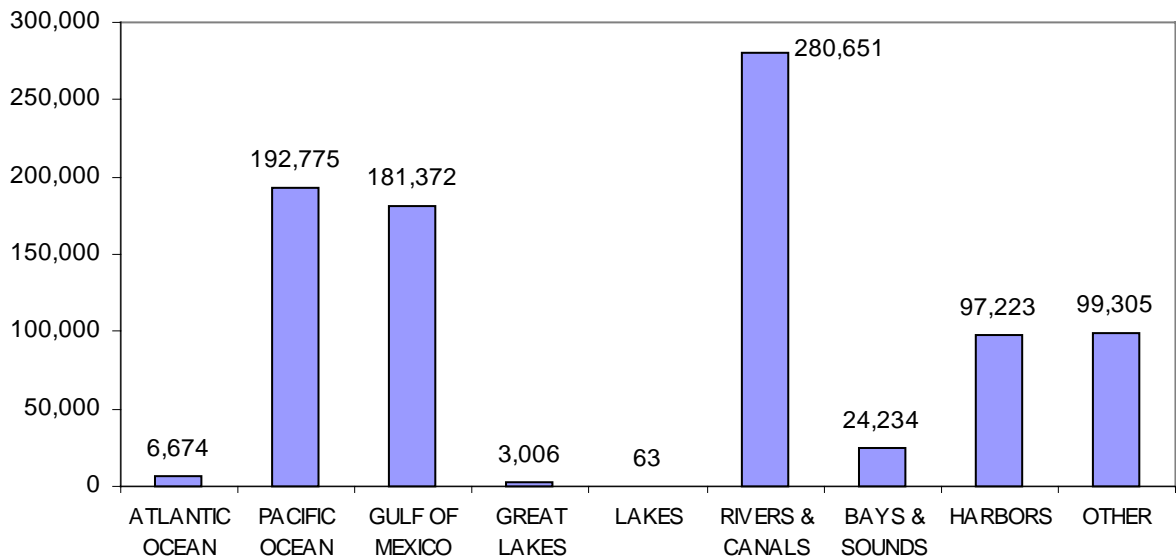
## OIL SPILLS IN U.S. WATERS 1998

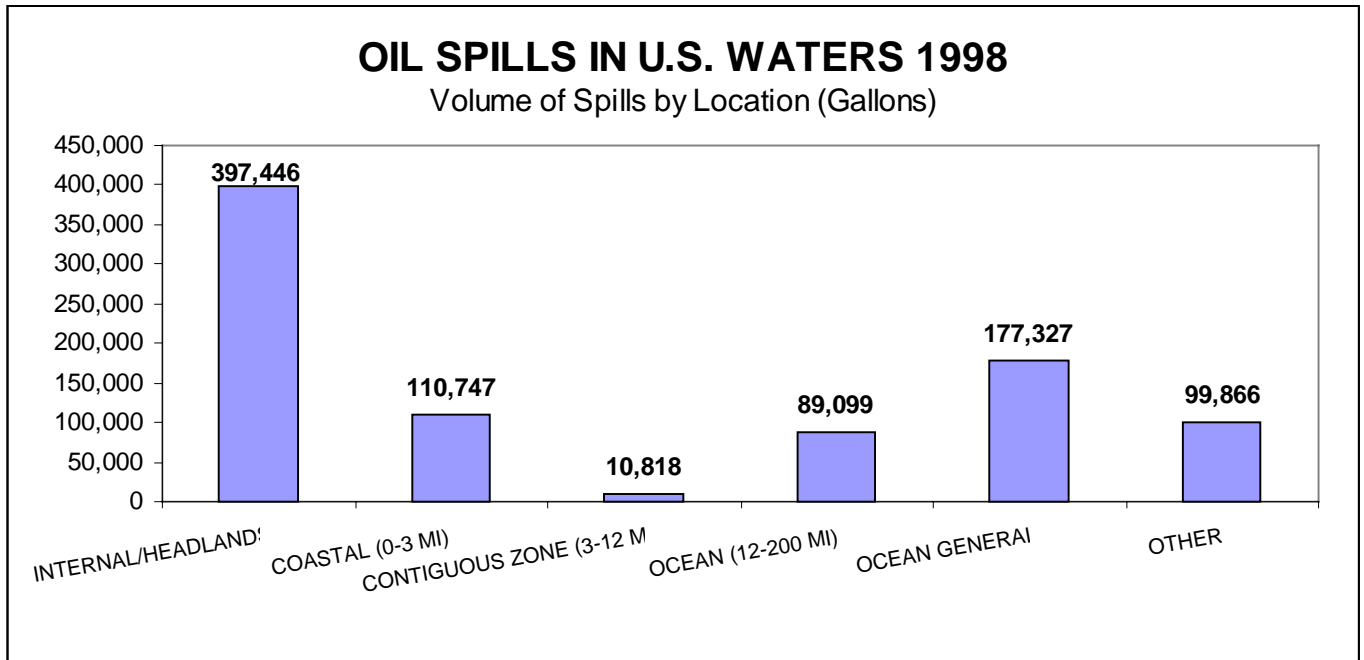
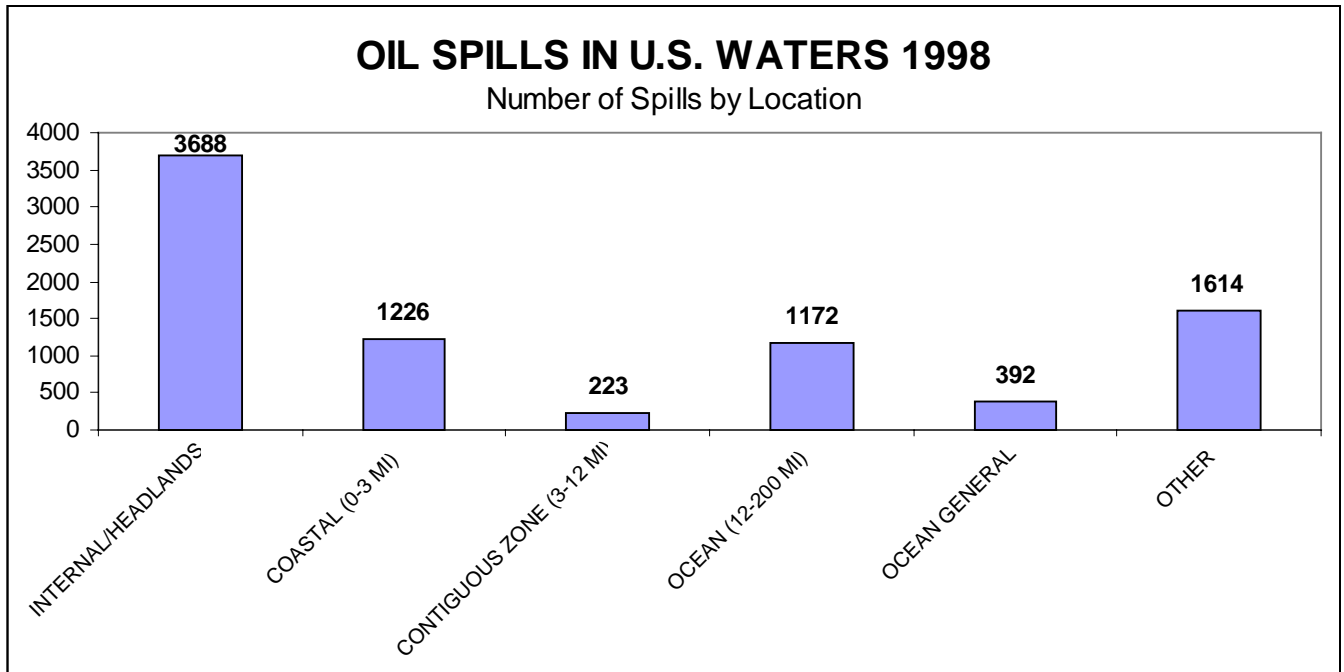
Number of Spills by Waterbody



## OIL SPILLS IN U.S. WATERS 1998

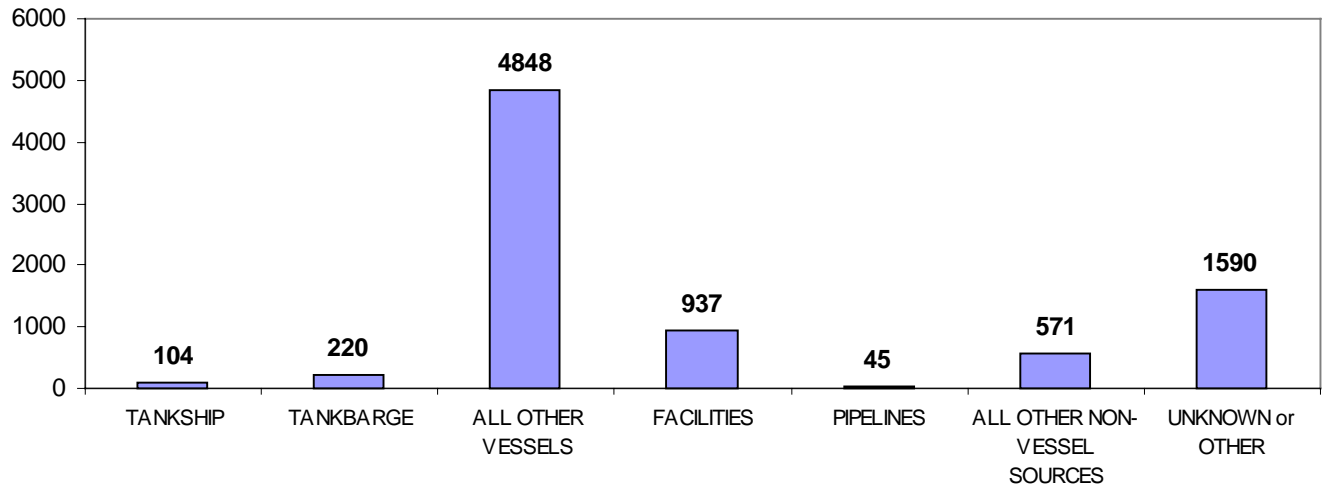
Volume of Spills by Waterbody (Gallons)





## OIL SPILLS IN U.S. WATERS 1998

Number of Spills by Source



## OIL SPILLS IN U.S. WATERS 1998

Volume of Spills by Source

