Public Service Commission of Wisconsin



2017 Pipeline Safety Distribution Report All Operators

1. General	SCRIPTION										
		Ste	el				Cast /				
			Catho	dically	Ductile	Copper	Wrought	Plastic	Other		Total
	bare	coated	Bare	Coated	Iron		Iron				
Miles of Main	0.1	33.9	0	12307.44	0	0	0	27571.77	6	3.4	39976.6
No. of Services	0	704	0	243132	0	12037	0	1421130	210	65	167916
2. Miles of Mains in	System at E	nd of Year									
Material	Unknown	2" or Less				4" - 8"					Total
Steel	4.8	5094.631		3.909	2744.989		526.47		192.91		12342.4
Ductile Iron	0	0		0	0		0		0		0
Copper	0	0		0	0		0		0		0
Cast/Wrought Iron	0	0		0	0		0		0		0
PVC	0	0		0	0		0		0		0
PE	0.8	19262.23	6896.282		1410.45		1.1		0		27570.8
ABS	0	0	0		0		0		0		0
Other Plastic	0	0		6.6		0.6		0		0	
Other	39.1	17.2		.o 1.791		.0 5.039	527			2.91	63.5
Total	44.7	24373.79	1000	1.791	4150	.039	52/	.57	192		39976.8
3 Number of Service	es in System	at End of	Vear				Service Len	oth (feet).	94 841929	31	
Material	s in System at End of Year Unknown 1" or Less Over 1		1" - 2"	Over 2" - 4"		Service Length (feet): Over 4" - 8"		Over 8"		Total	
Steel	3	215511		26869				26	8		243830
Ductile Iron	0	0	0)	(-	0		24383
Copper	0	70	11967		0			0		0	
Cast/Wrought Iron	0	0	0		(-)	0		12037 0
PVC	0	88	12956		(0)	0		13044
PE	27	1389136	17573		1244		104		0		140808
ABS	0	0	0		0		0		0		0
Other Plastic	0	2	0		0		0		0		2
Other	331	1760	71		3				0		2165
Total	361	1606567	69436		2466		330		8		167916
4. Miles of Main and	Number of	Services B	y Decade o	of Installati	on						
	Unknown	Pre-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2019	Total
Miles of Main	312.76	3.7	22.29	1312.21		4750.167	3963.282			4804.643	
No. of Services	15783	2304	1396	40834	189068	283527	256718	362661	281463	245415	167916
PART C - TOTAL LEA	KS AND HAZ	ARDOUS L	EAKS/ELIN	IINATED/RI			YEAR		Com		
Cause of Leak				Mains		rdouc To:		Services tal Haza		rdouc	
		Compaign					rdouc	To			ruous
				To		Haza	rdous	To ⁻			1
Corrosion				1	9	Haza	7	11	13	4	1
Corrosion Natural Forces				1	9 2	Haza 7	7	11 13	13 37	4	32
Corrosion Natural Forces Excavation Damage				1 1 21	9 2 13	Haza 7 19	7 98	11 13 94	13 37 19	4 8 8	32 71
Corrosion Natural Forces Excavation Damage Other Outside Force				1 1 2: 7	9 2 13	Haza 7 19	7 98 7	11 13 94 25	13 37 19 51	4 8 8 2	32 71 13
Corrosion Natural Forces Excavation Damage Other Outside Force Materials or Welds				1 1 2: 7 6	9 2 13 6	Haza 7 19 2	7 98 7 1	11 13 94 25 36	13 37 19 51 56	4 8 2: 1:	32 71 13 32
Corrosion Natural Forces Excavation Damage Other Outside Force Materials or Welds Equipment				1 1 2: 7 6 16	9 2 13 6 57	Haza 7 19 2 2	7 98 7 1 2	11 13 94 25 36 40	13 37 49 51 56 59	4 8 2 1 1 7	32 71 13 32 29
Corrosion Natural Forces Excavation Damage Other Outside Force Materials or Welds Equipment Incorrect Operations				1 1 2 7 6 16	9 2 13 6 57	Haza 7 19 2 2 2	7 98 7 1	11 13 94 25 36 40 10	L3 37 49 51 56 59 07	4 8 2: 1: 7: 3	2 71 13 32 29 11
Corrosion Natural Forces Excavation Damage Other Outside Force Materials or Welds Equipment Incorrect Operations Other	Damage	s at End of	Year Sche	1 1 22 7 6 10 2 1	9 2 13 6 57 0 4	Haza 7 19 2 2 2	7 98 7 1 2 5	11 13 94 25 36 40	L3 37 49 51 56 59 07	4 8 2: 1: 7: 3	32 71 13 32 29
Corrosion Natural Forces Excavation Damage Other Outside Force Materials or Welds Equipment Incorrect Operations	Damage	s at End of	Year Sche	1 1 22 7 6 10 2 1	9 2 13 6 57 0 4	Haza 7 19 2 2 2 2 2	7 98 7 1 2 5	11 13 94 25 36 40 10	L3 37 49 51 56 59 07	4 8 2: 1: 7: 3	2 71 13 32 29 11
Corrosion Natural Forces Excavation Damage Other Outside Force Materials or Welds Equipment Incorrect Operations Other Number of Known S	Damage		Year Sche	1 1 2 7 6 16 2 1 1 duled for R	9 2 13 6 57 0 4 epair	Haza 7 19 2 2 2 2 2	7 98 7 1 2 2 5 1	11 13 94 25 36 40 10	L3 37 49 51 56 59 07	4 8 2: 1: 7: 3	2 71 13 32 29 11
Corrosion Natural Forces Excavation Damage Other Outside Force Materials or Welds Equipment Incorrect Operations Other Number of Known S PART D - EXCAVATIC	Damage System Leak		Year Scher 1274	1 1 2 7 6 16 2 1 1 duled for R	9 2 13 6 57 0 4 epair	Haza 7 19 2 2 2 3332	7 98 7 1 2 2 5 1	11 13 94 25 36 40 10	L3 37 49 51 56 59 07	4 8 2: 1: 7: 3	2 71 13 32 29 11
Corrosion Natural Forces Excavation Damage Other Outside Force Materials or Welds Equipment Incorrect Operations Other Number of Known S PART D - EXCAVATIC # of Excavation Dam	Damage System Leak DN DAMAGE nages (By Ro	ot Cause)		1 1 2: 7 6 1(2 1 duled for R PART E - E	9 2 13 6 57 0 4 epair XCESS FLO	Haza 7 19 2 2 2 3332 W VALVE (I	7 98 7 1 2 2 5 1	111 13 94 25 36 40 10 21	13 37 49 51 56 59 07 13	4 88 2: 11: 7: 3 5	2 71 13 32 29 11 11
Corrosion Natural Forces Excavation Damage Other Outside Force Materials or Welds Equipment Incorrect Operations Other Number of Known S PART D - EXCAVATIC # of Excavation Dam	Damage System Leak DN DAMAGE Dages (By Ro Practices Not S	ot Cause)	1274	1 1 2: 7 6 1(2 1 duled for R PART E - E	9 2 13 6 57 0 4 epair XCESS FLO	Haza 7 19 2 2 2 3332 W VALVE (I	7 98 7 1 2 5 1 1 5 5 1 5 5 5 5 5 5 5 5 7 7 7 7 7 7	111 13 94 25 36 40 10 21	13 37 49 51 56 59 07 13	4 88 2: 11: 7: 3 5	2 71 13 32 29 11 11
Corrosion Natural Forces Excavation Damage Other Outside Force Materials or Welds Equipment Incorrect Operations Other Number of Known S PART D - EXCAVATIC # of Excavation Dam a. One-Call Notification f	Damage System Leak DN DAMAGE Dages (By Rc Practices Not S Sufficient	ot Cause)	1274 315	1 1 2: 7 6 1(2 1 duled for R PART E - E	9 2 13 6 57 0 4 epair XCESS FLO	Haza 7 19 2 2 2 3332 W VALVE (I	7 98 7 1 2 5 1 1 5 5 1 5 5 5 5 5 5 5 5 7 7 7 7 7 7	111 13 94 25 36 40 10 21	13 37 49 51 56 59 07 13	4 88 2: 11: 7: 3 5	2 71 13 32 29 11 11
Corrosion Natural Forces Excavation Damage Other Outside Force Materials or Welds Equipment Incorrect Operations Other Number of Known S PART D - EXCAVATIC # of Excavation Darr a. One-Call Notification I b. Locating Practices Not c. Excavation Practices N	Damage iystem Leak DN DAMAGE nages (By Rc Practices Not S Sufficient Iot Sufficient	ot Cause)	1274 315 176	1 1 2: 7 6 16 2 1 duled for R PART E - E # of EFVs in	9 2 13 6 57 0 4 epair XCESS FLO nstalled thi	Haza 7 19 2 2 3332 W VALVE (I s calender	7 98 7 1 2 5 1 1 5 5 1 5 5 5 5 5 5 5 5 7 7 7 7 7 7	11 12 94 25 36 40 10 21 gle family re	13 37 49 51 59 59 13 13 esidential s	4 88 2: 11: 7: 3 5	2 71 13 32 29 11 11 23624
Corrosion Natural Forces Excavation Damage Other Outside Force Materials or Welds Equipment Incorrect Operations Other Number of Known S PART D - EXCAVATIC # of Excavation Darr a. One-Call Notification I b. Locating Practices Not c. Excavation Practices N	Damage iystem Leak DN DAMAGE nages (By Rc Practices Not S Sufficient Iot Sufficient	ot Cause)	1274 315 176 675	1 1 2: 7 6 16 2 1 duled for R PART E - E # of EFVs in	9 2 13 6 57 0 4 epair XCESS FLO nstalled thi	Haza 7 19 2 2 3332 W VALVE (I s calender	7 98 7 1 2 5 1 1 FV) DATA year on sing	11 12 94 25 36 40 10 21 gle family re	13 37 49 51 59 59 13 13 esidential s	4 88 2: 11: 7: 3 5	2 71 13 32 29 11 11 23624
Corrosion Natural Forces Excavation Damage Other Outside Force Materials or Welds Equipment Incorrect Operations Other Number of Known S PART D - EXCAVATIC # of Excavation Darr a. One-Call Notification I b. Locating Practices Not c. Excavation Practices N d. Other Number of Excavati	Damage	oot Cause) ufficient	1274 315 176 675 108	1 1 2: 7 6 16 16 2 1 duled for R PART E - E # of EFVs in Total numb	9 2 13 6 57 0 4 epair xCESS FLO nstalled thi	Haza 7 19 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	7 98 7 1 2 5 1 5 5 1 5 5 1 5 5 7 7 7 7 7 7 7 7 7 7	11 12 94 25 36 40 10 21 31 31 31 31 31 31 31 31 31 31 31 31 31	13 37 49 51 59 59 13 13 esidential s	4 88 2: 11: 7: 3 5	2 71 13 32 29 11 11 23624
Corrosion Natural Forces Excavation Damage Other Outside Force Materials or Welds Equipment Incorrect Operations Other Number of Known S PART D - EXCAVATIC # of Excavation Darr a. One-Call Notification f b. Locating Practices Not c. Excavation Practices Not d. Other Number of Excavati PART F - LEAKS OF F	Damage System Leak DN DAMAGE Dages (By Rc Practices Not S Sufficient tot Sufficient on Tickets EDERAL LAN	oot Cause) ufficient ID	1274 315 176 675 108	1 1 2: 7 6 16 16 2 1 duled for R PART E - E # of EFVs in Total numb	9 2 13 6 57 0 4 epair xCESS FLO nstalled thi per of EFVSs ERCENT O	Haza 7 19 2 2 3332 W VALVE (I s calender v s installed i	7 98 7 1 2 5 1 5 1 5 1 5 5 1 5 7 7 7 7 7 7 7 7 7 7 7 7 7	11 12 94 25 36 40 10 21 31 gle family re the end of GAS	13 37 49 51 56 59 57 13 esidential s the year	4 8 2: 1: 7: 3 5 ervices	2 71 13 32 29 11
Corrosion Natural Forces Excavation Damage Other Outside Force Materials or Welds Equipment Incorrect Operations Other Number of Known S PART D - EXCAVATIC # of Excavation Darr a. One-Call Notification I b. Locating Practices Not c. Excavation Practices N	Damage System Leak DN DAMAGE mages (By Rc Practices Not S Sufficient tot Sufficient on Tickets EDERAL LAN so on Federal	oot Cause) ufficient ID	1274 315 176 675 108	1 1 2: 7 6 16 16 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	9 2 13 6 57 0 4 epair xcess FLO nstalled thi per of EFVSs ERCENT O ed for gas a	Haza 7 19 2 2 3332 W VALVE (I s calender v s installed i	7 98 7 1 2 5 1 5 1 5 5 1 5 5 1 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7	11 12 94 25 36 40 10 21 31 gle family re the end of GAS	13 37 49 51 56 59 57 13 esidential s the year	4 8 2: 1: 7: 3 5 ervices	2 71 13 32 29 11 11 23624