

ITRC Data Breach Overview 2005 to 2017

	% of total breaches 2005	# of Breaches 2006	% of total breaches 2006	# of Breaches 2007	% of total breaches 2007	# of Breaches 2008	% of total breaches 2008	# of breaches 2009	% of total breaches 2009	# of breaches 2010	% of total breaches 2010	# of breaches 2011	% of total breaches 2011	# of breaches 2012	% of total breaches 2012	# of breaches 2013	% of total breaches 2013	# of breaches 2014	% of total breaches 2014	# of breaches 2015	% of total breaches 2015	# of breaches 2016	% of total breaches 2016	Percent Change	# of Breaches 2017	% of total breaches 2017	Percent Change
Business	15.9%	67	20.9%	130	29%	237	36%	202	41%	274	41%	177	42%	162	34%	195	32%	263	34%	312	40%	497	45.6%	6%	870	55.1%	9.6%
Educational	47.8%	80	24.9%	111	25%	131	20%	78	16%	65	10%	57	14%	63	13%	54	9%	57	7%	58	7%	98	9.0%	2%	127	8.0%	-0.9%
Government/Military	13.4%	99	30.8%	110	25%	110	17%	90	18%	104	16%	54	13%	55	12%	60	10%	92	12%	63	8%	72	6.6%	-1%	74	4.7%	-1.9%
Health/Medical	10.2%	44	13.7%	63	14%	99	15%	70	14%	165	25%	102	24%	167	35%	271	44%	333	43%	275	35%	373	34.2%	-1%	374	23.7%	10.5%
Banking/Credit/Financial	12.7%	31	9.7%	32	7%	79	12%	58	12%	54	8%	31	7%	24	5%	34	6%	38	5%	71	9%	51	4.7%	-4%	134	8.5%	3.8%
		321		446		656		498		662		421		471		614		783		780		1091			1579		
Category	% of total breaches 2005	# of Breaches 2006	% of total breaches 2006	# of breaches 2007	% of total breaches 2007	# of breaches 2008	% of total breaches 2008	# of breaches 2009	% of total breaches 2009	# of breaches 2010	% of total breaches 2010	# of breaches 2011	% of total breaches 2011	# of breaches 2012	% of total breaches 2012	# of breaches 2013	% of total breaches 2013	# of breaches 2014	% of total breaches 2014	# of breaches 2015	% of total breaches 2015	# of breaches 2016	% of total breaches 2016	Percent Change	# of Breaches 2017	% of total breaches 2017	Percent Change
Insider Theft				27	6%	102	16%	85	17%	102	15%	56	13%	40	8%	72	12%	81	10%	84	11%	72	6.6%	-4.2%	83	5.3%	-1.3%
Hacking				63	14%	91	14%	97	19%	113	17%	110	26%	128	27%	160	26%	231	30%	295	38%	614	56.3%	18.5%	940	59.5%	3.2%
Phishing																						197	18.1%	18.1%	338	21.4%	3.3%
Ransomware/malware																						n/a	n/a	n/a	196	12.4%	n/a
Skimming																						n/a	n/a	n/a	24	1.5%	n/a
Unauthorized Access																						80	7.3%	7.3%	170	10.8%	3.5%
Data on the Move				123	28%	137	21%	78	16%	111	17%	78	19%	57	12%	79	13%	63	8%	56	7%	51	4.7%	-2.5%	34	2.2%	-2.5%
Accidental Web /Internet Exposure¹				90	20%	95	14%	59	12%	71	11%	45	11%	41	9%	46	7%	92	12%	56	7%	80	7.3%	0.2%	101	6.4%	-0.9%
Employee Error / Negligence / Improper Disposal / Lost														38	8%	72	12%	111	14%	152	19%	136	12.5%	-7.0%	164	10.4%	-2.1%
Physical Theft																		98	13%	81	10%	70	6.4%	-4.0%	71	4.5%	-1.9%
Subcontractor / 3rd Party / Business Associate²				52	12%	68	10%	37	7%	58	9%	32	8%	54	11%	89	14%	117	15%	70	9%	70	6.4%	-2.6%	119	7.5%	1.1%
Category	% of total breaches 2005	# of Breaches 2006	% of total breaches 2006	# of breaches 2007	% of total breaches 2007	# of breaches 2008	% of total breaches 2008	# of breaches 2009	% of total breaches 2009	# of breaches 2010	% of total breaches 2010	# of breaches 2011	% of total breaches 2011	# of breaches 2012	% of total breaches 2012	# of breaches 2013	% of total breaches 2013	# of breaches 2014	% of total breaches 2014	# of breaches 2015	% of total breaches 2015	# of breaches 2016	% of total breaches 2016	Percent Change	# of Breaches 2017	% of total breaches 2017	Percent Change
Unknown records				136	30%	252	38%	250	50%	302	46%	171	41%	237	50%	243	40%	294	38%	395	51%	549	50.3%	-0.3%	577	36.7%	-13.6%
Exposed SSN										411	62%	260	62%	226	48%	295	48%	325	42%	341	44%	574	52.6%	8.9%	832	52.6%	0.0%
Exposed CC/DC										170	26%	111	26%	68	14%	96	16%	138	18%	160	21%	144	13.2%	-7.3%	302	19.1%	5.9%