

ITRC Breach Statistics 2005 - 2016

Entity	# of Breaches 2005	% 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
Business	25	15.9%	67	20.9%	130	29.1%	237	36.1%	202	40.6%	274	41.4%	177	42.0%	162	34.4%	195	31.8%	263	33.6%	312	40.0%	495	45.2%	5.2%
Educational	75	47.8%	80	24.9%	111	24.9%	131	20.0%	78	15.7%	65	9.8%	57	13.5%	63	13.4%	54	8.8%	57	7.3%	58	7.4%	98	9.0%	1.6%
Government/Military	21	13.4%	99	30.8%	110	24.7%	110	16.8%	90	18.1%	104	15.7%	54	12.8%	55	11.7%	60	9.8%	92	11.7%	63	8.1%	72	6.6%	-1.5%
Health/Medical	16	10.2%	44	13.7%	63	14.1%	99	15.1%	70	14.1%	165	24.9%	102	24.2%	167	35.5%	271	44.1%	333	42.5%	275	35.3%	374	34.5%	-0.8%
Banking/Credit/Financial	20	12.7%	31	9.7%	32	7.2%	79	12.0%	58	11.6%	54	8.2%	31	7.4%	24	5.1%	34	5.5%	38	4.9%	71	9.1%	52	4.8%	-4.3%
	157		321		446		656		498		662		421		471		614		783		780		1091		
Category	# of Breaches 2005	% 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
Insider Theft					27	6.1%	102	15.5%	85	17.1%	102	15.4%	56	13.3%	40	8.5%	72	11.7%	81	10.3%	83	10.6%	77	7.1%	-3.6%
Hacking / Skimming / Phishing					63	14.1%	91	13.9%	97	19.5%	113	17.1%	110	26.1%	128	27.2%	160	26.1%	231	29.5%	295	37.8%	607	55.6%	17.8%
Data on the Move					123	27.6%	137	20.9%	78	15.7%	111	16.8%	78	18.5%	57	12.1%	79	12.9%	63	8.0%	57	7.3%	53	4.9%	-2.4%
Accidental Web /Internet Exposure					90	20.2%	95	14.5%	59	11.8%	71	10.7%	45	10.7%	41	8.7%	46	7.5%	92	11.7%	109	14.0%	101	9.3%	-4.7%
Subcontractor / 3rd Party / Business Associate					52	11.7%	68	10.4%	37	7.4%	58	8.8%	32	7.6%	54	11.5%	89	14.5%	117	14.9%	70	9.0%	70	6.4%	-2.6%
Employee Error / Negligence / Improper Disposal / Lost															34	7.2%	58	9.4%	89	11.4%	117	15.0%	95	8.7%	-6.3%
Physical Theft																			98	12.5%	81	10.4%	69	6.3%	-4.1%
Category	# of Breaches 2005	% 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
Paper					84	18.8%	116	18%	129	26%	129	19%	68	16.2%	72	15.3%	73	11.9%	109	13.9%	98	12.6%	84	7.7%	-4.9%
Unknown records					136	30.5%	252	38.4%	250	50.2%	302	45.6%	171	40.6%	237	50.3%	243	39.6%	294	37.5%	395	50.6%	554	50.8%	0.1%
Exposed SSN											411	62.1%	260	61.8%	226	48.0%	295	48.0%	325	41.5%	341	43.7%	568	52.1%	8.3%
Exposed CC/DC											170	25.7%	111	26.4%	68	14.4%	96	15.6%	138	17.6%	160	20.5%	143	13.1%	-7.4%
Unknown attributes					n/a		n/a		172	34.5%	254	38.4%	133	31.6%	163	34.6%	176	28.7%	123	15.7%	51	6.5%	115	10.5%	4.0%

Note for 2016: Two duplicate breaches were subsequently removed bringing the year-end total for 2016 to 1,091. This was due to inconsistent naming conventions used in the data breach reporting process by different sources, i.e. media, breach notification letters and/or HHS.gov.