

The Randomness of Returns

Annual Return (%)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Highest Return ↑ ↓ Lowest Return	34.5	36.0	39.8	8.8	79.0	28.1	9.4	20.1	38.8	32.0	5.8	31.7	37.8	2.1	31.5
	25.5	32.6	8.2	6.6	53.3	26.9	3.4	18.6	34.5	13.7	4.5	21.3	31.5	1.9	26.5
	21.1	29.6	7.9	4.7	51.4	24.9	2.3	18.1	32.5	13.5	1.5	17.3	28.6	1.5	25.9
	13.8	27.9	6.3	-28.9	37.2	24.5	2.1	17.9	32.4	4.9	1.4	12.0	21.8	-4.2	25.5
	13.1	23.5	5.9	-33.8	28.5	21.2	0.6	17.8	28.3	4.2	1.0	11.6	20.9	-4.4	23.5
	7.0	22.2	5.5	-36.8	27.2	19.2	0.4	17.5	26.0	1.9	0.9	8.4	14.6	-8.3	23.1
	4.9	19.8	3.6	-37.0	26.5	15.5	-4.2	17.1	21.7	1.2	0.2	8.0	13.7	-11.0	22.4
	4.7	18.4	2.5	-39.2	20.6	15.1	-5.5	16.3	1.2	0.2	-3.8	6.7	7.8	-12.9	18.9
	4.6	15.8	-0.2	-44.3	19.7	3.8	-10.6	16.0	0.6	-1.8	-4.4	4.7	3.8	-14.2	17.4
	3.1	4.3	-1.6	-45.6	2.3	3.7	-15.5	2.1	0.3	-5.0	-7.5	1.5	1.1	-14.5	4.2
	2.4	4.1	-9.8	-47.8	0.8	2.0	-16.4	0.9	-0.1	-5.4	-8.0	1.0	0.7	-17.8	3.9
	1.3	3.8	-17.6	-53.2	0.2	0.8	-18.2	0.2	-2.3	-5.6	-14.6	0.8	0.6	-17.9	2.9

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
US Large Cap	4.9	15.8	5.5	-37.0	26.5	15.1	2.1	16.0	32.4	13.7	1.4	12.0	21.8	-4.4	31.5
US Large Cap Value	7.0	22.2	-0.2	-36.8	19.7	15.5	0.4	17.5	32.5	13.5	-3.8	17.3	13.7	-8.3	26.5
US Small Cap	4.6	18.4	-1.6	-33.8	27.2	26.9	-4.2	16.3	38.8	4.9	-4.4	21.3	14.6	-11.0	25.5
US Small Cap Value	4.7	23.5	-9.8	-28.9	20.6	24.5	-5.5	18.1	34.5	4.2	-7.5	31.7	7.8	-12.9	22.4
US Real Estate	13.8	36.0	-17.6	-39.2	28.5	28.1	9.4	17.1	1.2	32.0	4.5	6.7	3.8	-4.2	23.1
International Large Cap Value	13.1	29.6	7.9	-44.3	37.2	3.8	-10.6	17.8	21.7	-5.6	-8.0	8.0	20.9	-14.5	17.4
International Small Cap	25.5	19.8	3.6	-47.8	51.4	24.9	-15.5	17.9	26.0	-5.0	5.8	4.7	31.5	-17.8	25.9
International Small Cap Value	21.1	27.9	2.5	-45.6	53.3	21.2	-16.4	20.1	28.3	-5.4	1.5	8.4	28.6	-17.9	23.5
Emerging Markets	34.5	32.6	39.8	-53.2	79.0	19.2	-18.2	18.6	-2.3	-1.8	-14.6	11.6	37.8	-14.2	18.9
One-Year US Fixed	2.4	4.3	5.9	4.7	0.8	0.8	0.6	0.2	0.3	0.2	0.2	0.8	0.6	1.9	2.9
Five-Year US Government Fixed	1.3	3.8	8.2	8.8	0.2	3.7	3.4	0.9	-0.1	1.2	0.9	1.0	0.7	1.5	4.2
Five-Year Global Fixed	3.1	4.1	6.3	6.6	2.3	2.0	2.3	2.1	0.6	1.9	1.0	1.5	1.1	2.1	3.9

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