

MassMutual Funds Performance

Period Ending 05/31/2022 (updated monthly)



	Inception Date	Maximum Sales Charge	Gross Expense (%)	Net Expense (%)	1 Month	Calendar Year to Date	Average Annual Returns			
							1 Years	3 Years	5 Years	10 Years
MASSMUTUAL BLUE CHIP GROWTH FUND										
Class I	04/01/2014	0.00%	0.63	0.63	-3.00%	-26.12%	-19.21%	10.23%	11.88%	N/A
Class R5	06/01/2001	0.00%	0.73	0.73	-2.97%	-26.15%	-19.27%	10.12%	11.78%	14.48%
Service Class	06/01/2001	0.00%	0.83	0.83	-3.01%	-26.17%	-19.36%	10.01%	11.67%	14.38%
Administrative Class	06/01/2001	0.00%	0.93	0.93	-2.98%	-26.20%	-19.43%	9.89%	11.56%	14.24%
Class R4	04/01/2014	0.00%	1.08	1.08	-3.00%	-26.23%	-19.56%	9.74%	11.39%	N/A
Class A (Without Load)	06/01/2001	0.00%	1.18	1.18	-3.00%	-26.26%	-19.62%	9.63%	11.28%	13.97%
Class A (With Load)	06/01/2001	5.75%	1.18	1.18	-8.33%	-30.32%	-24.05%	7.58%	10.03%	13.33%
Class R3	12/31/2002	0.00%	1.33	1.33	-3.00%	-26.31%	-19.74%	9.47%	11.12%	13.77%
MASSMUTUAL CORE BOND FUND										
Class I	12/03/2010	0.00%	0.42	0.42	-0.31%	-10.10%	-8.93%	0.72%	1.78%	2.18%
Class R5	10/03/1994	0.00%	0.52	0.52	-0.30%	-10.15%	-9.00%	0.65%	1.68%	2.07%
Service Class	01/01/1998	0.00%	0.62	0.62	-0.31%	-10.11%	-9.08%	0.57%	1.58%	1.98%
Administrative Class	05/03/1999	0.00%	0.72	0.72	-0.31%	-10.19%	-9.13%	0.47%	1.49%	1.88%
Class R4	04/01/2014	0.00%	0.87	0.87	-0.31%	-10.25%	-9.35%	0.30%	1.33%	N/A
Class A (Without Load)	01/01/1998	0.00%	0.97	0.97	-0.31%	-10.27%	-9.40%	0.21%	1.22%	1.62%
Class A (With Load)	01/01/1998	4.25%	0.97	0.97	-4.55%	-14.08%	-13.25%	-1.23%	0.35%	1.18%
Class R3	12/31/2002	0.00%	1.12	1.12	-0.30%	-10.32%	-9.50%	0.09%	1.10%	1.45%
MASSMUTUAL DISCIPLINED GROWTH FUND										
Class I	04/01/2014	0.00%	0.57	0.57	-1.26%	-21.83%	-7.10%	16.23%	14.21%	N/A
Class R5	11/01/2004	0.00%	0.67	0.67	-1.37%	-21.99%	-7.27%	16.10%	14.06%	14.72%
Service Class	12/19/2000	0.00%	0.77	0.77	-1.36%	-22.01%	-7.32%	15.96%	13.94%	14.59%
Administrative Class	11/01/2004	0.00%	0.87	0.87	-1.33%	-22.04%	-7.42%	15.87%	13.84%	14.49%
Class R4	04/01/2014	0.00%	1.02	1.02	-1.33%	-22.06%	-7.57%	15.68%	13.66%	N/A
Class A (Without Load)	11/01/2004	0.00%	1.12	1.12	-1.31%	-22.07%	-7.63%	15.58%	13.55%	14.21%
Class A (With Load)	11/01/2004	5.50%	1.12	1.12	-6.74%	-26.35%	-12.71%	13.42%	12.27%	13.56%
Class R3	04/01/2014	0.00%	1.27	1.27	-1.34%	-22.14%	-7.84%	15.39%	13.37%	N/A
MASSMUTUAL DISCIPLINED VALUE FUND										
Class I	04/01/2014	0.00%	0.74	0.74	2.61%	-4.91%	3.21%	12.53%	8.58%	N/A
Class R5	11/01/2004	0.00%	0.84	0.84	2.60%	-4.95%	3.08%	12.42%	8.46%	11.29%
Service Class	12/19/2000	0.00%	0.94	0.94	2.63%	-4.94%	2.97%	12.27%	8.33%	11.67%
Administrative Class	11/01/2004	0.00%	1.04	1.04	2.62%	-4.93%	2.88%	12.19%	8.24%	11.05%
Class R4	04/01/2014	0.00%	1.19	1.19	2.62%	-5.05%	2.74%	12.03%	8.08%	N/A
Class A (Without Load)	11/01/2004	0.00%	1.29	1.29	2.59%	-5.07%	2.62%	11.91%	7.97%	10.78%
Class A (With Load)	11/01/2004	5.50%	1.29	1.29	-3.05%	-10.29%	-3.02%	9.82%	6.76%	10.16%
Class R3	11/01/2004	0.00%	1.44	1.44	2.56%	-5.15%	2.43%	11.72%	7.81%	10.58%
MASSMUTUAL DIVERSIFIED BOND FUND										
Class I	12/03/2010	0.00%	0.52	0.52	-0.92%	-11.20%	-9.70%	0.98%	1.91%	2.74%
Class R5	05/03/1999	0.00%	0.62	0.62	-0.90%	-11.19%	-9.71%	0.92%	1.82%	2.50%
Service Class	05/03/1999	0.00%	0.72	0.72	-0.88%	-11.20%	-9.82%	0.81%	1.71%	2.41%
Administrative Class	05/03/1999	0.00%	0.82	0.82	-0.89%	-11.21%	-9.89%	0.73%	1.63%	2.32%
Class R4	04/01/2014	0.00%	0.97	0.97	-1.01%	-11.37%	-10.03%	0.55%	1.46%	N/A
Class A (Without Load)	05/03/1999	0.00%	1.07	1.07	-0.99%	-11.37%	-10.20%	0.45%	1.36%	2.06%
Class A (With Load)	05/03/1999	4.25%	1.07	1.07	-5.20%	-15.14%	-14.02%	-1.00%	0.49%	1.62%
Class R3	04/01/2014	0.00%	1.22	1.22	-1.00%	-11.44%	-10.27%	0.32%	1.23%	N/A
MASSMUTUAL DIVERSIFIED VALUE FUND										
Class I	04/01/2014	0.00%	0.57	0.57	2.93%	-0.78%	4.20%	14.19%	10.94%	N/A
Class R5	10/15/2004	0.00%	0.67	0.67	2.92%	-0.86%	4.08%	14.08%	10.82%	12.51%
Service Class	10/15/2004	0.00%	0.77	0.77	2.92%	-0.86%	3.98%	13.96%	10.71%	12.41%
Administrative Class	10/15/2004	0.00%	0.87	0.87	2.89%	-0.93%	3.90%	13.85%	10.60%	12.29%
Class R4	04/01/2014	0.00%	1.02	1.02	2.90%	-1.04%	3.72%	13.69%	10.44%	N/A
Class A (Without Load)	10/15/2004	0.00%	1.12	1.12	2.84%	-1.02%	3.62%	13.58%	10.32%	12.00%
Class A (With Load)	10/15/2004	5.75%	1.12	1.12	-2.81%	-6.46%	-2.08%	11.46%	9.08%	11.37%
Class R3	10/15/2004	0.00%	1.27	1.27	2.86%	-1.10%	3.45%	13.38%	10.15%	11.80%
MASSMUTUAL EMERGING MARKETS DEBT BLENDED TOTAL RETURN FUND										
Class I	10/21/2015	0.00%	1.04	0.95	-0.57%	-17.25%	-22.62%	0.02%	1.25%	N/A
Class Y	10/21/2015	0.00%	1.10	0.95	-0.70%	-17.40%	-22.76%	-0.08%	1.20%	N/A
Class L (Without Load)	10/21/2015	0.00%	1.31	1.20	-0.59%	-17.41%	-22.87%	-0.28%	0.97%	N/A
Class L (With Load)	10/21/2015	4.00%	1.31	1.20	-5.52%	-21.48%	-26.64%	-1.63%	0.15%	N/A
Class C (Without CDSC)	10/21/2015	0.00%	2.04	1.95	-0.66%	-17.65%	-23.44%	-1.01%	0.24%	N/A
Class C (With CDSC)	10/21/2015	1.00%	2.04	1.95	-1.65%	-18.45%	-24.16%	-1.01%	0.24%	N/A
MASSMUTUAL EQUITY OPPORTUNITIES FUND										
Class I	11/15/2010	0.00%	0.73	0.73	0.80%	-3.95%	5.40%	13.95%	13.18%	14.40%
Class R5	05/01/2000	0.00%	0.83	0.83	0.79%	-4.04%	5.31%	13.84%	13.06%	14.28%
Service Class	05/01/2000	0.00%	0.93	0.93	0.82%	-4.04%	5.25%	13.74%	12.95%	14.16%
Administrative Class	05/01/2000	0.00%	1.03	0.93	0.83%	-4.07%	5.15%	13.62%	12.84%	14.04%
Class R4	04/01/2014	0.00%	1.18	1.18	0.79%	-4.07%	5.01%	13.46%	12.67%	N/A
Class A (Without Load)	05/01/2000	0.00%	1.28	1.28	0.77%	-4.13%	4.90%	13.33%	12.56%	13.76%
Class A (With Load)	05/01/2000	5.75%	1.28	1.28	-4.77%	-9.41%	-0.87%	11.21%	11.30%	13.12%
Class R3	12/31/2002	0.00%	1.43	1.43	0.80%	-4.20%	4.70%	13.17%	12.39%	13.55%
MASSMUTUAL FUNDAMENTAL GROWTH FUND										
Class I	04/01/2014	0.00%	1.04	1.04	-4.57%	-24.77%	-19.46%	9.14%	10.84%	N/A
Class R5	05/01/2000	0.00%	1.14	1.14	-4.53%	-24.78%	-19.51%	9.10%	10.79%	12.44%
Service Class	05/01/2000	0.00%	1.24	1.24	-4.62%	-24.94%	-19.60%	8.98%	10.65%	12.31%
Administrative Class	05/01/2000	0.00%	1.34	1.34	-4.76%	-24.93%	-19.81%	8.91%	10.56%	12.21%
Class R4	04/01/2014	0.00%	1.49	1.49	-4.46%	-24.91%	-19.83%	8.77%	10.44%	N/A
Class A (Without Load)	05/01/2000	0.00%	1.59	1.59	-4.68%	-24.83%	-19.78%	8.66%	10.31%	11.93%
Class A (With Load)	05/01/2000	5.75%	1.59	1.59	-9.92%	-28.97%	-24.19%	6.63%	9.07%	11.30%
Class R3	12/31/2002	0.00%	1.74	1.74	-4.58%	-24.74%	-19.81%	8.63%	10.20%	11.77%
MASSMUTUAL FUNDAMENTAL VALUE FUND										
Class I	11/15/2010	0.00%	0.65	0.65	3.33%	-1.00%	3.67%	14.82%	9.57%	11.63%
Class R5	12/31/2001	0.00%	0.75	0.75	3.30%	-1.09%	3.62%	14.70%	9.46%	11.49%
Service Class	12/31/2001	0.00%	0.85	0.85	3.33%	-1.09%	3.46%	14.58%	9.34%	11.38%
Administrative Class	12/31/2001	0.00%	0.95	0.95	3.39%	-1.08%	3.46%	14.51%	9.25%	11.28%
Class R4	04/01/2014	0.00%	1.10	1.10	3.33%	-1.23%	3.28%	14.33%	9.07%	N/A
Class A (Without Load)	12/31/2001	0.00%	1.20	1.20	3.24%	-1.30%	3.14%	14.17%	8.97%	10.99%
Class A (With Load)	12/31/2001	5.75%	1.20	1.20	-2.44%	-6.73%	-2.53%	12.04%	7.74%	10.36%
Class R3	12/31/2002	0.00%	1.35	1.35	3.23%	-1.24%	3.03%	14.04%	8.81%	10.80%
MASSMUTUAL GLOAL CREDIT INCOME OPPORTUNITIES FUND										
Class I	09/06/2013	0.00%	0.98	0.85	-3.00%	-7.51%	-6.74%	1.79%	2.19%	N/A
Class Y	09/06/2013	0.00%	1.03	0.90	-3.13%	-7.64%	-6.87%	1.75%	2.17%	N/A
Class L (Without Load)	09/06/2013	0.00%	1.16	1.16	-3.15%	-7.74%	-7.09%	1.49%	1.91%	N/A
Class L (With Load)	09/06/2013	4.00%	1.29	1.16	-7.95%	-12.30%	-11.65%	0.12%	1.08%	N/A
Class C (Without CDSC)	09/06/2013	0.00%	2.01	1.95	-3.10%	-8.02%	-7.74%	0.75%	1.16%	N/A
Class C (With CDSC)	09/06/2013	1.00%	2.01	1.95	-4.07%	-8.92%	-8.62%	0.75%	1.16%	N/A

MassMutual Funds Performance

Period Ending 05/31/2022 (updated monthly)



		Inception Date	Maximum	Gross	Net	1 Month	Calendar	Average Annual Returns			
			Sales Charge	Expense (%)	Expense (%)		Year to Date	1 Years	3 Years	5 Years	10 Years
MASSMUTUAL GLOBAL EMERGING MARKETS EQUITY FUND											
	Class I	09/18/2018	0.00%	2.93	0.90	2.00%	-9.09%	-17.02%	4.32%	N/A	N/A
	Class Y	09/18/2018	0.00%	2.96	0.90	2.00%	-9.10%	-17.02%	4.32%	N/A	N/A
	Class L (Without Load)	09/18/2018	0.00%	3.20	1.15	1.98%	-9.21%	-17.29%	4.03%	N/A	N/A
	Class L (With Load)	09/18/2018	4.00%	3.20	1.15	-3.06%	-13.72%	-18.09%	4.03%	N/A	N/A
	Class C (Without CDSC)	09/18/2018	0.00%	3.93	1.90	1.91%	-9.47%	-17.88%	3.27%	N/A	N/A
	Class C (With CDSC)	09/18/2018	1.00%	3.93	1.90	0.91%	-10.38%	-18.67%	3.27%	N/A	N/A
MASSMUTUAL GLOBAL FLOATING RATE FUND											
	Class I	09/06/2013	0.00%	0.78	0.75	-2.71%	-3.53%	-1.59%	2.98%	3.19%	N/A
	Class Y	09/06/2013	0.00%	0.85	0.75	-2.71%	-3.53%	-1.59%	2.96%	3.17%	N/A
	Class L (Without Load)	09/06/2013	0.00%	1.07	1.00	-2.85%	-3.69%	-1.91%	2.67%	2.89%	N/A
	Class L (With Load)	09/06/2013	3.00%	1.07	1.00	-6.70%	-7.50%	-5.77%	1.64%	2.27%	N/A
	Class C (Without CDSC)	09/06/2013	0.00%	1.81	1.75	-2.82%	-3.98%	-2.59%	1.92%	2.14%	N/A
	Class C (With CDSC)	09/06/2013	1.00%	1.81	1.75	-3.78%	-4.93%	-3.54%	1.92%	2.14%	N/A
MASSMUTUAL GLOBAL FUND											
	Class I	04/01/2014	0.00%	0.84	0.84	-0.31%	-25.78%	-21.19%	8.48%	7.57%	N/A
	Class R5	12/31/2004	0.00%	0.94	0.94	-0.23%	-25.79%	-21.25%	8.38%	7.46%	10.66%
	Service Class	12/31/2004	0.00%	1.04	1.04	-0.31%	-25.88%	-21.37%	8.25%	7.36%	10.54%
	Administrative Class	12/31/2004	0.00%	1.14	1.14	-0.31%	-25.90%	-21.47%	8.13%	7.25%	10.43%
	Class R4	04/01/2014	0.00%	1.29	1.29	-0.32%	-25.96%	-21.56%	7.97%	7.09%	N/A
	Class A (Without Load)	12/31/2004	0.00%	1.39	1.39	-0.40%	-26.00%	-21.67%	7.86%	6.98%	10.14%
	Class A (With Load)	12/31/2004	5.50%	1.39	1.39	-5.88%	-30.07%	-25.98%	5.85%	5.78%	9.52%
	Class R3	12/31/2004	0.00%	1.54	1.54	-0.40%	-26.03%	-21.80%	7.69%	6.80%	9.99%
MASSMUTUAL GROWTH OPPORTUNITIES FUND											
	Class I	12/07/2011	0.00%	0.77	0.75	-5.82%	-36.05%	-32.50%	6.41%	9.96%	11.80%
	Class R5	05/01/2000	0.00%	0.87	0.85	-5.85%	-36.02%	-32.50%	6.33%	9.86%	11.68%
	Service Class	05/01/2000	0.00%	0.97	0.95	-5.82%	-36.02%	-32.59%	6.21%	9.74%	11.56%
	Administrative Class	05/01/2000	0.00%	1.07	1.05	-5.72%	-36.02%	-32.64%	6.12%	9.66%	11.46%
	Class R4	04/01/2014	0.00%	1.22	1.20	-5.71%	-36.18%	-32.72%	5.91%	9.47%	N/A
	Class A (Without Load)	05/01/2000	0.00%	1.32	1.30	-5.88%	-36.13%	-32.80%	5.86%	9.38%	11.17%
	Class A (With Load)	05/01/2000	5.75%	1.32	1.30	-11.06%	-39.65%	-36.50%	3.88%	8.15%	10.54%
	Class R3	12/31/2002	0.00%	1.47	1.45	-6.16%	-36.33%	-33.13%	5.59%	9.17%	10.95%
MASSMUTUAL HIGH YIELD FUND											
	Class I	03/01/2011	0.00%	0.54	0.54	-0.61%	-7.36%	-3.95%	3.35%	3.31%	6.02%
	Class R5	11/01/2004	0.00%	0.64	0.64	-0.73%	-7.55%	-4.16%	3.22%	3.18%	5.88%
	Service Class	09/05/2000	0.00%	0.74	0.74	-0.62%	-7.47%	-4.20%	3.14%	3.09%	5.79%
	Administrative Class	11/01/2004	0.00%	0.84	0.84	-0.77%	-7.57%	-4.35%	3.04%	2.98%	5.67%
	Class R4	04/01/2014	0.00%	0.99	0.99	-0.68%	-7.57%	-4.42%	2.88%	2.81%	N/A
	Class A (Without Load)	11/01/2004	0.00%	1.09	1.09	-0.67%	-7.66%	-4.53%	2.80%	2.73%	5.41%
	Class A (With Load)	11/01/2004	5.50%	1.09	1.09	-6.13%	-12.74%	-9.78%	0.88%	1.58%	4.82%
	Class R3	11/01/2004	0.00%	1.24	1.24	-0.79%	-7.72%	-4.70%	2.62%	2.55%	5.22%
	Class Y	12/13/2021	0.00%	0.59	0.59	-0.61%	-7.34%	N/A	N/A	N/A	N/A
	Class C (Without Load)	12/13/2021	0.00%	1.54	1.54	-0.81%	-7.79%	N/A	N/A	N/A	N/A
	Class C (With Load)	12/13/2021	1.00%	1.54	1.54	-1.80%	-8.70%	N/A	N/A	N/A	N/A
MASSMUTUAL INFLATION-PROTECTED AND INCOME FUND											
	Class I	03/01/2011	0.00%	0.47	0.47	-0.97%	-6.42%	-1.90%	4.53%	3.73%	2.12%
	Class R5	12/31/2003	0.00%	0.57	0.57	-0.97%	-6.41%	-1.99%	4.43%	3.65%	2.02%
	Service Class	12/31/2003	0.00%	0.67	0.67	-0.97%	-6.43%	-2.11%	4.33%	3.54%	1.92%
	Administrative Class	12/31/2003	0.00%	0.77	0.77	-1.06%	-6.53%	-2.23%	4.22%	3.43%	1.82%
	Class R4	04/01/2014	0.00%	0.92	0.92	-1.00%	-6.49%	-2.38%	4.10%	3.29%	N/A
	Class A (Without Load)	12/31/2003	0.00%	1.02	1.02	-1.08%	-6.61%	-2.46%	3.94%	3.17%	1.57%
	Class A (With Load)	12/31/2003	4.25%	1.02	1.02	-5.29%	-10.58%	-6.61%	2.45%	2.28%	1.12%
	Class R3	12/31/2003	0.00%	1.17	1.17	-0.99%	-6.65%	-2.56%	3.82%	3.02%	1.39%
MASSMUTUAL INTERNATIONAL EQUITY FUND											
	Class I	04/01/2014	0.00%	1.02	0.97	1.68%	-7.42%	-8.41%	10.24%	4.95%	N/A
	Class R5	10/03/1994	0.00%	1.12	1.07	1.68%	-7.42%	-8.43%	10.14%	4.82%	7.69%
	Service Class	01/01/1998	0.00%	1.22	1.17	1.56%	-7.54%	-8.56%	10.01%	4.71%	7.59%
	Administrative Class	05/03/1999	0.00%	1.32	1.27	1.58%	-7.51%	-8.65%	9.88%	4.61%	7.47%
	Class R4	04/01/2014	0.00%	1.47	1.42	1.70%	-7.48%	-8.70%	9.77%	4.46%	N/A
	Class A (Without Load)	01/01/1998	0.00%	1.57	1.52	1.67%	-7.59%	-8.84%	9.62%	4.35%	7.20%
	Class A (With Load)	01/01/1998	5.50%	1.57	1.52	-3.92%	-12.68%	-13.85%	7.57%	3.17%	6.60%
	Class R3	04/01/2014	0.00%	1.72	1.67	1.59%	-7.68%	-8.95%	9.47%	4.19%	N/A
MASSMUTUAL MAIN STREET FUND											
	Class I	04/01/2014	0.00%	0.75	0.75	-0.95%	-15.61%	-5.84%	12.85%	10.08%	N/A
	Class R5	12/31/2004	0.00%	0.85	0.85	-0.95%	-15.63%	-6.01%	12.74%	9.94%	12.44%
	Service Class	12/31/2004	0.00%	0.95	0.95	-0.90%	-15.70%	-6.05%	12.61%	9.82%	12.35%
	Administrative Class	12/31/2004	0.00%	1.05	1.05	-0.95%	-15.71%	-6.13%	12.53%	9.75%	12.23%
	Class R4	04/01/2014	0.00%	1.20	1.20	-0.89%	-15.76%	-6.29%	12.34%	9.58%	N/A
	Class A (Without Load)	12/31/2004	0.00%	1.30	1.30	-0.97%	-15.80%	-6.45%	12.22%	9.46%	11.94%
	Class A (With Load)	12/31/2004	5.50%	1.30	1.30	-6.42%	-20.43%	-11.59%	10.13%	8.22%	11.31%
	Class R3	12/31/2004	0.00%	1.45	1.45	-0.97%	-15.88%	-6.56%	12.07%	9.31%	11.74%
MASSMUTUAL MID CAP GROWTH FUND											
	Class I	11/15/2010	0.00%	0.70	0.60	-1.66%	-21.04%	-14.71%	9.54%	10.07%	13.10%
	Class R5	06/01/2000	0.00%	0.80	0.70	-1.69%	-21.10%	-14.82%	9.42%	9.95%	12.98%
	Service Class	06/01/2000	0.00%	0.90	0.80	-1.71%	-21.13%	-14.89%	9.31%	9.84%	12.87%
	Administrative Class	06/01/2000	0.00%	1.00	0.90	-1.73%	-21.16%	-15.00%	9.22%	9.73%	12.75%
	Class R4	04/01/2014	0.00%	1.15	1.05	-1.77%	-21.20%	-15.12%	9.03%	9.57%	N/A
	Class A (Without Load)	06/01/2000	0.00%	1.25	1.15	-1.73%	-21.22%	-15.20%	8.93%	9.45%	12.47%
	Class A (With Load)	06/01/2000	5.75%	1.25	1.15	-7.14%	-25.55%	-19.86%	6.90%	8.22%	11.84%
	Class R3	12/31/2002	0.00%	1.40	1.30	-1.78%	-21.25%	-15.33%	8.78%	9.30%	12.27%
MASSMUTUAL MID-CAP VALUE FUND											
	Class I	12/07/2011	0.00%	0.93	0.61	4.13%	0.96%	6.13%	14.09%	9.72%	11.50%
	Class R5	08/29/2006	0.00%	1.03	0.71	4.07%	0.87%	5.94%	13.96%	9.58%	11.38%
	Service Class	08/29/2006	0.00%	1.13	0.81	4.11%	0.80%	5.82%	13.84%	9.48%	11.27%
	Administrative Class	08/29/2006	0.00%	1.23	0.91	4.08%	0.77%	5.72%	13.73%	9.38%	11.16%
	Class R4	04/01/2014	0.00%	1.38	1.06	4.15%	0.72%	5.61%	13.56%	9.22%	N/A
	Class A (Without Load)	08/29/2006	0.00%	1.48	1.16	4.08%	0.71%	5.46%	13.44%	9.10%	10.87%
	Class A (With Load)	08/29/2006	5.75%	1.48	1.16	-1.64%	-4.83%	-0.34%	11.32%	7.87%	10.25%
	Class R3	08/29/2006	0.00%	1.63	1.31	4.08%	0.64%	5.38%	13.30%	8.96%	10.69%
MASSMUTUAL OVERSEAS FUND											
	Class I	11/15/2010	0.00%	0.88	0.79	2.52%	-11.41%	-10.79%	8.42%	4.94%	7.78%
	Class R5	05/01/2001	0.00%	0.98	0.89	2.51%	-11.46%	-10.85%	8.33%	4.83%	7.65%
	Service Class	05/01/2001	0.00%	1.08	0.99	2.53%	-11.43%	-10.92%	8.24%	4.73%	7.55%
	Administrative Class	05/01/2001	0.00%	1.18	1.09	2.62%	-11.41%	-10.99%	8.12%	4.63%	7.45%
	Class R4	04/01/2014	0.00%	1.33	1.24	2.51%	-11.48%	-11.15%	7.97%	4.47%	N/A
	Class A (Without Load)	05/01/2001	0.00%	1.43	1.34	2.56%	-11.58%	-11.22%	7.85%	4.36%	7.18%
	Class A (With Load)	05/01/2001	5.75%	1.43	1.34	-3.08%	-16.44%	-16.10%	5.83%	3.19%	6.58%
	Class R3	12/31/2002	0.00%	1.58	1.49	2.48%	-11.65%	-11.40%	7.68%	4.21%	6.99%
MASSMUTUAL SHORT-DURATION BOND FUND											
	Class I	12/03/2010	0.00%	0.41	0.40	-0.25%	-6.83%	-6.80%	-0.15%	0.92%	1.47%
	Class R5	10/03/1994	0.00%	0.51	0.51	-0.26%	-6.94%	-6.93%	-0.27%	0.80%	1.34%
	Service Class	01/01/1998	0.00%	0.61	0.61	-0.27%	-6.93%	-7.02%	-0.40%	0.67%	1.25%
	Administrative Class	05/03/1999	0.00%	0.71	0.71	-0.28%	-7.00%	-7.14%	-0.46%	0.59%	1.16%
	Class R4	04/01/2014	0.00%	0.86							

MassMutual Funds Performance

Period Ending 05/31/2022 (updated monthly)



		Inception Date ¹	Maximum	Gross	Net	1 Month	Calendar	Average Annual Returns			
			Sales Charge	Expense (%)	Expense (%)			Year to Date	1 Years	3 Years	5 Years
MASSMUTUAL SMALL CAP GROWTH EQUITY FUND											
	Class I	11/15/2010	0.00%	0.86	0.86	-3.08%	-23.62%	-20.02%	10.92%	11.89%	12.95%
	Class R5	05/03/1999	0.00%	0.96	0.96	-3.09%	-23.65%	-20.08%	10.82%	11.78%	12.84%
	Service Class	05/03/1999	0.00%	1.06	1.06	-3.17%	-23.70%	-20.21%	10.70%	11.65%	12.71%
	Administrative Class	05/03/1999	0.00%	1.16	1.16	-3.11%	-23.72%	-20.26%	10.58%	11.54%	12.59%
	Class R4	04/01/2014	0.00%	1.31	1.31	-3.09%	-23.79%	-20.36%	10.44%	11.40%	N/A
	Class A (Without Load)	05/03/1999	0.00%	1.41	1.41	-3.14%	-23.74%	-20.41%	10.32%	11.29%	12.32%
	Class A (With Load)	05/03/1999	5.75%	1.41	1.41	-8.47%	-27.93%	-24.78%	8.26%	10.04%	11.69%
	Class R3	12/31/2002	0.00%	1.56	1.56	-3.10%	-23.85%	-20.53%	10.18%	11.12%	12.12%
MASSMUTUAL SMALL CAP OPPORTUNITIES FUND											
	Class I	04/01/2014	0.00%	0.65	0.65	0.13%	-13.46%	-9.79%	13.95%	9.71%	N/A
	Class R5	11/01/2004	0.00%	0.75	0.75	0.13%	-13.50%	-9.92%	13.82%	9.59%	12.58%
	Service Class	11/01/2004	0.00%	0.85	0.85	0.06%	-13.55%	-10.00%	13.71%	9.48%	12.48%
	Administrative Class	11/01/2004	0.00%	0.95	0.95	0.13%	-13.55%	-10.08%	13.61%	9.37%	12.36%
	Class R4	04/01/2014	0.00%	1.10	1.10	0.07%	-13.66%	-10.24%	13.41%	9.20%	N/A
	Class A (Without Load)	07/20/1998	0.00%	1.20	1.20	0.07%	-13.68%	-10.34%	13.30%	9.09%	12.08%
	Class A (With Load)	07/20/1998	4.25%	1.20	1.20	-5.44%	-18.43%	-15.27%	11.18%	7.86%	11.44%
	Class R3	04/01/2014	0.00%	1.35	1.35	0.07%	-13.73%	-10.47%	13.13%	8.93%	N/A
MASSMUTUAL SMALL CAP VALUE EQUITY FUND											
	Class I	04/01/2014	0.00%	1.03	1.03	3.56%	-6.70%	-4.73%	13.11%	8.27%	N/A
	Class R5	03/31/2006	0.00%	1.13	1.13	3.56%	-6.78%	-4.88%	12.99%	8.15%	11.53%
	Service Class	03/31/2006	0.00%	1.23	1.23	3.54%	-6.75%	-4.95%	12.85%	8.04%	11.44%
	Administrative Class	03/31/2006	0.00%	1.33	1.33	3.49%	-6.84%	-5.08%	12.75%	7.94%	11.31%
	Class R4	04/01/2014	0.00%	1.48	1.48	3.51%	-6.89%	-5.24%	12.60%	7.77%	N/A
	Class A (Without Load)	03/31/2006	0.00%	1.58	1.58	3.59%	-6.84%	-5.25%	12.52%	7.69%	11.04%
	Class A (With Load)	03/31/2006	5.75%	1.58	1.58	-2.11%	-11.96%	-10.46%	10.42%	6.48%	10.41%
	Class R3	04/01/2014	0.00%	1.73	1.73	3.47%	-7.01%	-5.46%	12.29%	7.50%	N/A
MASSMUTUAL SMALL COMPANY VALUE FUND											
	Class I	11/15/2010	0.00%	0.96	0.86	2.55%	-10.08%	-8.72%	13.66%	8.34%	10.42%
	Class R5	12/31/2001	0.00%	1.06	0.96	2.53%	-10.13%	-8.82%	13.51%	8.23%	10.29%
	Service Class	12/31/2001	0.00%	1.16	1.06	2.55%	-10.15%	-8.90%	13.39%	8.13%	10.19%
	Administrative Class	12/31/2001	0.00%	1.26	1.16	2.52%	-10.17%	-8.98%	13.31%	8.03%	10.08%
	Class R4	04/01/2014	0.00%	1.41	1.31	2.49%	-10.26%	-9.22%	13.13%	7.85%	N/A
	Class A (Without Load)	12/31/2001	0.00%	1.51	1.41	2.56%	-10.26%	-9.24%	13.00%	7.73%	9.80%
	Class A (With Load)	12/31/2001	5.75%	1.51	1.41	-3.08%	-15.20%	-14.23%	10.89%	6.52%	9.18%
	Class R3	12/31/2002	0.00%	1.66	1.56	2.51%	-10.36%	-9.39%	12.82%	7.57%	9.60%
MASSMUTUAL STRATEGIC BOND FUND											
	Class I	04/01/2014	0.00%	0.47	0.42	0.11%	-10.14%	-9.30%	0.77%	1.59%	N/A
	Class R5	12/31/2004	0.00%	0.57	0.52	0.00%	-10.22%	-9.40%	0.63%	1.46%	2.59%
	Service Class	12/31/2004	0.00%	0.67	0.62	0.00%	-10.31%	-9.51%	0.54%	1.36%	2.50%
	Administrative Class	12/31/2004	0.00%	0.77	0.72	0.11%	-10.23%	-9.52%	0.47%	1.29%	2.40%
	Class R4	04/01/2014	0.00%	0.92	0.87	0.00%	-10.39%	-9.69%	0.29%	1.12%	N/A
	Class A (Without Load)	12/31/2004	0.00%	1.02	0.97	0.00%	-10.33%	-9.79%	0.21%	1.01%	2.13%
	Class A (With Load)	12/31/2004	5.75%	1.02	0.97	-4.25%	-14.14%	-13.62%	-1.23%	0.14%	1.69%
	Class R3	12/31/2004	0.00%	1.17	1.12	0.11%	-10.45%	-9.93%	0.07%	0.89%	1.96%
MASSMUTUAL STRATEGIC EMERGING MARKETS FUND											
	Class I	03/01/2011	0.00%	1.22	1.15	2.21%	-20.73%	-31.61%	-0.45%	1.58%	2.32%
	Class R5	11/03/2008	0.00%	1.32	1.25	2.28%	-20.71%	-31.66%	-0.54%	1.49%	2.20%
	Service Class	11/03/2008	0.00%	1.42	1.35	2.21%	-20.78%	-31.72%	-0.64%	1.39%	2.11%
	Administrative Class	11/03/2008	0.00%	1.52	1.45	2.20%	-20.80%	-31.76%	-0.73%	1.29%	1.99%
	Class R4	04/01/2014	0.00%	1.67	1.60	2.23%	-20.81%	-31.86%	-0.87%	1.13%	N/A
	Class A (Without Load)	11/03/2008	0.00%	1.77	1.70	2.21%	-20.85%	-31.92%	-0.96%	1.04%	1.75%
	Class A (With Load)	11/03/2008	5.50%	1.77	1.70	-3.41%	-25.20%	-35.66%	-2.81%	-0.10%	1.17%
	Class R3	04/01/2014	0.00%	1.92	1.85	2.15%	-20.95%	-32.10%	-1.14%	0.86%	N/A
MASSMUTUAL TOTAL RETURN BOND FUND											
	Class I	07/06/2010	0.00%	0.36	0.33	0.55%	-9.38%	-8.67%	0.53%	1.59%	2.13%
	Class R5	07/06/2010	0.00%	0.46	0.43	0.55%	-9.39%	-8.68%	0.43%	1.48%	2.01%
	Service Class	07/06/2010	0.00%	0.56	0.53	0.55%	-9.44%	-8.86%	0.31%	1.38%	1.90%
	Administrative Class	07/06/2010	0.00%	0.66	0.63	0.44%	-9.49%	-8.99%	0.20%	1.27%	1.80%
	Class R4	07/06/2010	0.00%	0.81	0.78	0.44%	-9.60%	-9.10%	0.06%	1.11%	1.66%
	Class A (Without Load)	04/01/2014	0.00%	0.91	0.88	0.56%	-9.62%	-9.16%	-0.02%	1.02%	N/A
	Class A (With Load)	04/01/2014	5.75%	0.91	0.88	-3.72%	-13.46%	-13.02%	-1.46%	0.15%	N/A
	Class R3	07/06/2010	0.00%	1.06	1.03	0.56%	-9.59%	-9.31%	-0.16%	0.87%	1.41%
MASSMUTUAL U.S. GOVERNMENT MONEY MARKET FUND											
	Class R5	10/03/1994	0.00%	0.51	0.51	0.01%	0.01%	0.01%	0.38%	0.73%	0.37%
MASSMUTUAL BALANCED FUND											
	Class I	04/01/2014	0.00%	0.69	0.69	0.19%	-10.63%	-1.58%	10.17%	8.23%	N/A
	Class R5	10/03/1994	0.00%	0.79	0.79	0.19%	-10.70%	-1.68%	10.06%	8.10%	8.73%
	Service Class	01/01/1998	0.00%	0.89	0.89	0.17%	-10.70%	-1.76%	9.95%	7.99%	8.61%
	Administrative Class	05/03/1999	0.00%	0.99	0.99	0.19%	-10.72%	-1.86%	9.84%	7.89%	8.49%
	Class R4	04/01/2014	0.00%	1.14	1.14	0.10%	-10.80%	-2.03%	9.67%	7.73%	N/A
	Class A (Without Load)	01/01/1998	0.00%	1.24	1.24	0.10%	-10.90%	-2.09%	9.54%	7.62%	8.22%
	Class A (With Load)	01/01/1998	5.50%	1.24	1.24	-5.41%	-15.80%	-7.48%	7.50%	6.41%	7.61%
	Class R3	04/01/2014	0.00%	1.39	1.39	0.10%	-10.88%	-2.23%	9.41%	7.45%	N/A
MASSMUTUAL SELECT BLACKROCK GLOBAL ALLOCATION FUND											
	Class I	04/01/2014	0.00%	0.95	0.80	1.19%	-12.73%	-12.05%	7.44%	5.29%	N/A
	Class R5	12/01/2009	0.00%	1.05	0.90	1.16%	-12.71%	-12.03%	7.38%	5.19%	6.16%
	Service Class	12/01/2009	0.00%	1.15	1.00	1.19%	-12.72%	-12.08%	7.28%	5.10%	6.07%
	Administrative Class	12/01/2009	0.00%	1.25	1.10	1.14%	-12.85%	-12.25%	7.15%	4.98%	5.94%
	Class R4	04/01/2014	0.00%	1.40	1.25	1.10%	-12.89%	-12.33%	7.01%	4.82%	N/A
	Class A (Without Load)	12/01/2009	0.00%	1.50	1.35	1.08%	-12.91%	-12.45%	6.87%	4.71%	5.68%
	Class A (With Load)	12/01/2009	5.75%	1.50	1.35	-4.48%	-17.70%	-17.27%	4.87%	3.53%	5.08%
	Class R3	04/01/2014	0.00%	1.65	1.50	1.10%	-12.98%	-12.59%	6.72%	4.55%	N/A
MM MSCI EAFE® INTERNATIONAL INDEX FUND											
	Class I	07/25/2012	0.00%	0.31	0.31	2.03%	-11.21%	-10.72%	6.35%	4.12%	N/A
	Class R5	07/25/2012	0.00%	0.41	0.41	2.03%	-11.21%	-10.75%	6.25%	4.03%	N/A
	Service Class	07/25/2012	0.00%	0.56	0.56	2.11%	-11.17%	-10.84%	6.11%	3.88%	N/A
	Administrative Class	07/25/2012	0.00%	0.66	0.66	1.96%	-11.33%	-11.00%	5.97%	3.75%	N/A
	Class R4	04/01/2014	0.00%	0.81	0.81	1.98%	-11.35%	-11.13%	5.81%	3.61%	N/A
	Class A (Without Load)	07/25/2012	0.00%	0.91	0.91	2.05%	-11.42%	-11.23%	5.70%	3.51%	N/A
	Class A (With Load)	07/25/2012	5.75%	0.91	0.91	-3.56%	-16.29%	-16.11%	3.73%	2.35%	N/A
	Class R3	04/01/2014	0.00%	1.06	1.06	1.98%	-11.46%	-11.36%	5.57%	3.35%	N/A
MM RUSSELL 2000® SMALL CAP INDEX FUND											
	Class I	07/26/2012	0.00%	0.22	0.22	0.09%	-16.83%	-17.22%	9.48%	7.57%	N/A
	Class R5	07/26/2012	0.00%	0.32	0.32	0.09%	-16.77%	-17.26%	9.41%	7.47%	N/A
	Service Class	07/26/2012	0.00%	0.47	0.47	0.09%	-16.85%	-17.43%	9.20%	7.31%	N/A
	Administrative Class	07/26/2012	0.00%	0.57	0.57	0.09%	-16.91%	-17.52%	9.10%	7.19%	N/A
	Class R4	04/01/2014	0.00%	0.72	0.72	0.09%	-16.94%	-17.63%	8.93%	7.03%	N/A
	Class A (Without Load)	07/26/2012	0.00%	0.82	0.82	0.09%	-16.97%	-17.71%	8.83%	6.93%	N/A
	Class A (With Load)	07/26/2012	5.75%	0.82	0.82	-5.41%	-21.53%	-22.24%	6.80%	5.72%	N/A
	Class R3	04/01/2014	0.00%	0.97	0.97	0.00%	-17.05%	-17.85%	8.65%	6.76%	N/A
MM S&P 500® INDEX FUND											
	Class I	12/07/2011	0.00%	0.11	0.11	0.16%	-12.75%	-0.37%	16.37%	13.29%	14.29%
	Class R5	05/01/2001	0.00%	0.21	0.21	0.16%</					

MassMutual RetireSMART Funds Performance

Period Ending 05/31/2022 (updated monthly)



		Inception Date	Maximum Sales Charge	Gross Expense (%)	Net Expense (%)	1 Month	Calendar Year to Date	Average Annual Returns			
								1 Years	3 Years	5 Years	10 Years
MM S&P® MID CAP INDEX FUND											
	Class I	07/26/2012	0.00%	0.18	0.18	0.62%	-11.22%	-6.81%	13.05%	9.37%	N/A
	Class R5	07/26/2012	0.00%	0.28	0.28	0.55%	-11.26%	-6.92%	12.94%	9.26%	N/A
	Service Class	07/26/2012	0.00%	0.43	0.43	0.55%	-11.32%	-7.07%	12.75%	9.09%	N/A
	Administrative Class	07/26/2012	0.00%	0.53	0.53	0.55%	-11.36%	-7.16%	12.64%	8.98%	N/A
	Class R4	04/01/2014	0.00%	0.68	0.68	0.49%	-11.40%	-7.33%	12.49%	8.81%	N/A
	Class A (Without Load)	07/26/2012	0.00%	0.78	0.78	0.55%	-11.43%	-7.40%	12.36%	8.71%	N/A
	Class A (With Load)	07/26/2012	5.75%	0.78	0.78	-4.98%	-16.30%	-12.49%	10.26%	7.49%	N/A
	Class R3	04/01/2014	0.00%	0.93	0.93	0.49%	-11.51%	-7.54%	12.20%	8.55%	N/A
MASSMUTUAL 20/80 ALLOCATION FUND											
	Class I	04/01/2014	0.00%	0.54	0.46	0.22%	-9.16%	-7.28%	3.62%	3.74%	N/A
	Class R5	06/20/2011	0.00%	0.64	0.56	0.22%	-9.08%	-7.35%	3.54%	3.65%	4.25%
	Service Class	06/20/2011	0.00%	0.74	0.66	0.22%	-9.17%	-7.46%	3.45%	3.55%	4.16%
	Administrative Class	06/20/2011	0.00%	0.84	0.76	0.22%	-9.24%	-7.55%	3.32%	3.45%	4.06%
	Class R4	04/01/2014	0.00%	0.99	0.91	0.22%	-9.28%	-7.70%	3.11%	3.26%	N/A
	Class A (Without Load)	06/20/2011	0.00%	1.09	1.01	0.22%	-9.28%	-7.78%	3.03%	3.19%	3.79%
	Class A (With Load)	06/20/2011	5.75%	1.09	1.01	-5.29%	-14.27%	-12.85%	1.11%	2.03%	3.21%
	Class R3	04/01/2014	0.00%	1.24	1.16	0.22%	-9.36%	-7.96%	2.90%	3.03%	N/A
MASSMUTUAL 40/60 ALLOCATION FUND											
	Class I	04/01/2014	0.00%	0.54	0.49	0.33%	-9.83%	-6.79%	6.70%	5.90%	N/A
	Class R5	06/20/2011	0.00%	0.64	0.59	0.33%	-9.91%	-6.87%	6.61%	5.80%	6.69%
	Service Class	06/20/2011	0.00%	0.74	0.69	0.33%	-9.95%	-7.05%	6.48%	5.66%	6.58%
	Administrative Class	06/20/2011	0.00%	0.84	0.79	0.33%	-9.95%	-7.10%	6.40%	5.57%	6.49%
	Class R4	04/01/2014	0.00%	0.99	0.94	0.34%	-10.05%	-7.20%	6.25%	5.40%	N/A
	Class A (Without Load)	06/20/2011	0.00%	1.09	1.04	0.33%	-10.00%	-7.30%	6.16%	5.32%	6.23%
	Class A (With Load)	06/20/2011	5.75%	1.09	1.04	-5.19%	-14.95%	-12.40%	4.18%	4.13%	5.63%
	Class R3	04/01/2014	0.00%	1.24	1.19	0.22%	-10.09%	-7.54%	5.96%	5.14%	N/A
MASSMUTUAL 60/40 ALLOCATION FUND											
	Class I	04/01/2014	0.00%	0.56	0.51	0.44%	-10.24%	-5.41%	9.40%	7.87%	N/A
	Class R5	06/20/2011	0.00%	0.66	0.61	0.44%	-10.23%	-5.48%	9.30%	7.78%	8.81%
	Service Class	06/20/2011	0.00%	0.76	0.71	0.44%	-10.37%	-5.59%	9.17%	7.65%	8.72%
	Administrative Class	06/20/2011	0.00%	0.86	0.81	0.44%	-10.36%	-5.65%	9.08%	7.55%	8.61%
	Class R4	04/01/2014	0.00%	1.01	0.96	0.45%	-10.35%	-5.81%	8.96%	7.40%	N/A
	Class A (Without Load)	06/20/2011	0.00%	1.11	1.06	0.33%	-10.49%	-5.92%	8.79%	7.28%	8.33%
	Class A (With Load)	06/20/2011	5.75%	1.11	1.06	-5.19%	-15.41%	-11.10%	6.76%	6.08%	7.72%
	Class R3	04/01/2014	0.00%	1.26	1.21	0.34%	-10.49%	-6.08%	8.62%	7.11%	N/A
MASSMUTUAL 80/20 ALLOCATION FUND											
	Class I	04/01/2014	0.00%	0.63	0.56	0.50%	-11.16%	-6.26%	10.86%	8.80%	N/A
	Class R5	06/20/2011	0.00%	0.73	0.66	0.50%	-11.14%	-6.24%	10.78%	8.70%	9.83%
	Service Class	06/20/2011	0.00%	0.83	0.76	0.50%	-11.29%	-6.41%	10.62%	8.58%	9.72%
	Administrative Class	06/20/2011	0.00%	0.93	0.86	0.40%	-11.29%	-6.55%	10.53%	8.46%	9.60%
	Class R4	04/01/2014	0.00%	1.08	1.01	0.50%	-11.29%	-6.61%	10.37%	8.32%	N/A
	Class A (Without Load)	06/20/2011	0.00%	1.18	1.11	0.50%	-11.36%	-6.76%	10.26%	8.21%	9.34%
	Class A (With Load)	06/20/2011	5.75%	1.18	1.11	-5.03%	-16.24%	-11.88%	8.20%	6.99%	8.72%
	Class R3	04/01/2014	0.00%	1.33	1.26	0.41%	-11.44%	-6.86%	10.09%	8.04%	N/A
MM RETIRESMART™ BY JPMORGAN 2020 FUND											
	Class I	04/01/2014	0.00%	0.53	0.48	0.18%	-9.64%	-6.97%	5.15%	5.15%	N/A
	Class R5	04/01/2014	0.00%	0.63	0.58	0.09%	-9.74%	-7.10%	5.02%	5.04%	N/A
	Service Class	12/31/2003	0.00%	0.73	0.68	0.09%	-9.81%	-7.15%	4.90%	4.92%	6.61%
	Administrative Class	12/31/2003	0.00%	0.83	0.78	0.09%	-9.85%	-7.26%	4.80%	4.82%	6.50%
	Class R4	04/01/2014	0.00%	0.98	0.93	0.09%	-9.85%	-7.35%	4.67%	4.68%	N/A
	Class A (Without Load)	12/31/2003	0.00%	1.08	1.03	0.09%	-9.89%	-7.53%	4.53%	4.56%	6.22%
	Class A (With Load)	12/31/2003	5.75%	1.08	1.03	-5.41%	-14.84%	-12.61%	2.58%	3.38%	5.62%
	Class R3	12/31/2003	0.00%	1.23	1.18	0.00%	-9.97%	-7.68%	4.39%	4.40%	6.03%
MM RETIRESMART™ BY JPMORGAN 2025 FUND											
	Class I	04/01/2014	0.00%	0.57	0.48	0.27%	-10.60%	-7.37%	6.61%	6.24%	N/A
	Class R5	04/01/2014	0.00%	0.67	0.58	0.27%	-10.64%	-7.45%	6.51%	6.16%	N/A
	Service Class	04/01/2010	0.00%	0.77	0.68	0.18%	-10.65%	-7.58%	6.38%	6.03%	7.65%
	Administrative Class	04/01/2010	0.00%	0.87	0.78	0.18%	-10.70%	-7.71%	6.27%	5.91%	7.55%
	Class R4	04/01/2014	0.00%	1.02	0.93	0.19%	-10.80%	-7.85%	6.09%	5.76%	N/A
	Class A (Without Load)	04/01/2010	0.00%	1.12	1.03	0.18%	-10.84%	-7.89%	6.02%	5.66%	7.26%
	Class A (With Load)	04/01/2010	5.75%	1.12	1.03	-5.33%	-15.74%	-12.96%	4.03%	4.47%	6.65%
	Class R3	04/01/2014	0.00%	1.27	1.18	0.19%	-10.90%	-8.10%	5.83%	5.49%	N/A
MM RETIRESMART™ BY JPMORGAN 2030 FUND											
	Class I	04/01/2014	0.00%	0.54	0.52	0.44%	-11.06%	-7.49%	7.72%	6.98%	N/A
	Class R5	04/01/2014	0.00%	0.64	0.62	0.36%	-11.12%	-7.69%	7.56%	6.85%	N/A
	Service Class	04/01/2010	0.00%	0.74	0.72	0.35%	-11.18%	-7.75%	7.48%	6.74%	8.23%
	Administrative Class	04/01/2010	0.00%	0.84	0.82	0.35%	-11.14%	-7.80%	7.39%	6.66%	8.14%
	Class R4	04/01/2014	0.00%	0.99	0.97	0.36%	-11.18%	-7.92%	7.20%	6.48%	N/A
	Class A (Without Load)	04/01/2010	0.00%	1.09	1.07	0.36%	-11.26%	-7.99%	7.10%	6.39%	7.85%
	Class A (With Load)	04/01/2010	5.75%	1.09	1.07	-5.16%	-16.14%	-13.05%	5.10%	5.19%	7.24%
	Class R3	04/01/2014	0.00%	1.24	1.22	0.28%	-11.32%	-8.22%	6.94%	6.21%	7.65%
MM RETIRESMART™ BY JPMORGAN 2035 FUND											
	Class I	04/01/2014	0.00%	0.62	0.55	0.35%	-11.67%	-7.61%	8.81%	7.57%	N/A
	Class R5	04/01/2014	0.00%	0.72	0.65	0.35%	-11.80%	-7.82%	8.65%	7.45%	N/A
	Service Class	04/01/2010	0.00%	0.82	0.75	0.35%	-11.77%	-7.84%	8.57%	7.34%	8.71%
	Administrative Class	04/01/2010	0.00%	0.92	0.85	0.26%	-11.84%	-7.98%	8.46%	7.22%	8.60%
	Class R4	04/01/2014	0.00%	1.07	1.00	0.35%	-11.89%	-8.07%	8.28%	7.07%	N/A
	Class A (Without Load)	04/01/2010	0.00%	1.17	1.10	0.26%	-11.95%	-8.18%	8.19%	6.96%	8.31%
	Class A (With Load)	04/01/2010	5.75%	1.17	1.10	-5.25%	-16.80%	-13.23%	6.17%	5.75%	7.70%
	Class R3	04/01/2014	0.00%	1.32	1.25	0.27%	-12.00%	-8.38%	8.00%	6.80%	N/A
MM RETIRESMART™ BY JPMORGAN 2040 FUND											
	Class I	04/01/2014	0.00%	0.60	0.56	0.35%	-11.94%	-7.54%	9.62%	8.01%	N/A
	Class R5	04/01/2014	0.00%	0.70	0.66	0.44%	-11.94%	-7.63%	9.56%	7.92%	N/A
	Service Class	12/31/2003	0.00%	0.80	0.76	0.35%	-12.02%	-7.75%	9.42%	7.81%	8.97%
	Administrative Class	12/31/2003	0.00%	0.90	0.86	0.35%	-12.10%	-7.84%	9.31%	7.68%	8.84%
	Class R4	04/01/2014	0.00%	1.05	1.01	0.36%	-12.18%	-7.98%	9.16%	7.53%	N/A
	Class A (Without Load)	12/31/2003	0.00%	1.15	1.11	0.35%	-12.15%	-8.03%	9.07%	7.43%	8.56%
	Class A (With Load)	12/31/2003	5.75%	1.15	1.11	-5.17%	-16.99%	-13.09%	7.03%	6.22%	7.95%
	Class R3	12/31/2003	0.00%	1.30	1.26	0.36%	-12.21%	-8.17%	8.89%	7.27%	8.37%
MM RETIRESMART™ BY JPMORGAN 2045 FUND											
	Class I	04/01/2014	0.00%	0.69	0.55	0.43%	-12.16%	-7.34%	10.42%	8.48%	N/A
	Class R5	04/01/2014	0.00%	0.79	0.65	0.43%	-12.22%	-7.49%	10.30%	8.35%	N/A
	Service Class	04/01/2010	0.00%	0.89	0.75	0.43%	-12.21%	-7.53%	10.21%	8.25%	9.48%
	Administrative Class	04/01/2010	0.00%	0.99	0.85	0.44%	-12.21%	-7.67%	10.11%	8.15%	9.38%
	Class R4	04/01/2014	0.00%	1.14	1.00	0.36%	-12.36%	-7.85%	9.93%	7.97%	N/A
	Class A (Without Load)	04/01/2010	0.00%	1.24	1.10	0.35%	-12.39%	-7.92%	9.83%	7.88%	9.09%
	Class A (With Load)	04/01/2010	5.75%	1.24	1.10	-5.17%	-17.21%	-12.98%	7.78%	6.66%	8.47%
	Class R3	04/01/2014	0.00%	1.39	1.25	0.36%	-12.47%	-8.06%	9.65%	7.71%	N/A

MassMutual RetireSMART Funds Performance

Period Ending 05/31/2022 (updated monthly)



	Inception Date	Maximum	Gross	Net	1 Month	Calendar	Average Annual			
		Sales Charge	Expense (%)	Expense (%)			Year to Date	1 Years	3 Years	5 Years
MM RETIRESMART™ BY JPMORGAN 2050 FUND										
Class I	04/01/2014	0.00%	0.65	0.55	0.48%	-12.16%	-7.39%	10.35%	8.64%	N/A
Class R5	04/01/2014	0.00%	0.75	0.65	0.36%	-12.28%	-7.58%	10.27%	8.51%	N/A
Service Class	12/17/2007	0.00%	0.85	0.75	0.47%	-12.29%	-7.63%	10.17%	8.43%	9.60%
Administrative Class	12/17/2007	0.00%	0.95	0.85	0.48%	-12.25%	-7.67%	10.08%	8.33%	9.52%
Class R4	04/01/2014	0.00%	1.10	1.00	0.48%	-12.33%	-7.77%	9.92%	8.17%	N/A
Class A (Without Load)	12/17/2007	0.00%	1.20	1.10	0.36%	-12.40%	-7.92%	9.79%	8.06%	9.21%
Class A (With Load)	12/17/2007	5.75%	1.20	1.10	-5.16%	-17.21%	-12.99%	7.74%	6.84%	8.60%
Class R3	12/17/2007	0.00%	1.35	1.25	0.37%	-12.45%	-8.04%	9.65%	7.89%	9.01%
MM RETIRESMART™ BY JPMORGAN 2055 FUND										
Class I	04/01/2014	0.00%	0.86	0.53	0.40%	-12.16%	-7.41%	10.40%	8.67%	N/A
Class R5	04/01/2014	0.00%	0.96	0.63	0.50%	-12.15%	-7.52%	10.33%	8.55%	N/A
Service Class	09/17/2013	0.00%	1.06	0.73	0.40%	-12.26%	-7.58%	10.20%	8.46%	N/A
Administrative Class	09/17/2013	0.00%	1.16	0.83	0.40%	-12.28%	-7.71%	10.09%	8.34%	N/A
Class R4	04/01/2014	0.00%	1.31	0.98	0.41%	-12.34%	-7.80%	9.94%	8.18%	N/A
Class A (Without Load)	09/17/2013	0.00%	1.41	1.08	0.40%	-12.42%	-7.95%	9.82%	8.07%	N/A
Class A (With Load)	09/17/2013	5.75%	1.41	1.08	-5.12%	-17.24%	-13.01%	7.77%	6.86%	N/A
Class R3	04/01/2014	0.00%	1.56	1.23	0.31%	-12.50%	-8.14%	9.63%	7.90%	N/A
MM RETIRESMART™ BY JPMORGAN 2060 FUND										
Class I	11/23/2015	0.00%	1.60	0.53	0.51%	-12.13%	-7.38%	10.41%	8.65%	N/A
Class R5	11/23/2015	0.00%	1.70	0.63	0.51%	-12.21%	-7.51%	10.29%	8.53%	N/A
Service Class	11/23/2015	0.00%	1.80	0.73	0.41%	-12.28%	-7.65%	10.17%	8.42%	N/A
Administrative Class	11/23/2015	0.00%	1.90	0.83	0.41%	-12.30%	-7.76%	10.05%	8.31%	N/A
Class R4	11/23/2015	0.00%	2.05	0.98	0.41%	-12.30%	-7.82%	9.91%	8.17%	N/A
Class A (Without Load)	11/23/2015	0.00%	2.15	1.08	0.41%	-12.34%	-8.01%	9.78%	8.05%	N/A
Class A (With Load)	11/23/2015	5.75%	2.15	1.08	-5.12%	-17.17%	-13.07%	7.73%	6.84%	N/A
Class R3	11/23/2015	0.00%	2.30	1.23	0.41%	-12.42%	-8.11%	9.65%	7.90%	N/A
MM RETIRESMART™ IN RETIREMENT FUND										
Class I	04/01/2014	0.00%	0.58	0.50	0.10%	-9.74%	-7.04%	4.70%	4.28%	N/A
Class R5	04/01/2014	0.00%	0.68	0.60	0.10%	-9.71%	-7.07%	4.64%	4.19%	N/A
Service Class	12/31/2003	0.00%	0.78	0.70	0.10%	-9.78%	-7.21%	4.53%	4.08%	4.51%
Administrative Class	12/31/2003	0.00%	0.88	0.80	0.10%	-9.85%	-7.32%	4.42%	3.99%	4.42%
Class R4	04/01/2014	0.00%	1.03	0.95	0.00%	-9.86%	-7.43%	4.27%	3.82%	N/A
Class A (Without Load)	12/31/2003	0.00%	1.13	1.05	0.10%	-9.86%	-7.50%	4.16%	3.73%	4.14%
Class A (With Load)	12/31/2003	5.75%	1.13	1.05	-5.41%	-14.82%	-12.59%	2.22%	2.56%	3.55%
Class R3	12/31/2003	0.00%	1.28	1.20	0.00%	-10.02%	-7.64%	4.00%	3.56%	3.96%
MM EQUITY ASSET FUND										
Class I	09/15/2016	0.00%	0.22	0.22	0.25%	-12.47%	0.29%	18.01%	12.82%	N/A



The MassMutual Global Floating Rate Fund, MassMutual Global Credit Income Opportunities Fund, MassMutual Emerging Markets Debt Blended Total Return Fund, and MassMutual Global Emerging Markets Equity Fund (the Funds) are the successors to the Barings Global Floating Rate Fund, Barings Global Credit Income Opportunities Fund, Barings Emerging Markets Debt Blended Total Return Fund, and Barings Global Emerging Markets Equity Fund, respectively (each, a "Predecessor Fund"), as a result of the reorganizations of the Predecessor Funds into the Funds on 12/10/2021. Accordingly, all performance and other information shown for the Funds for periods prior to 12/10/2021 is that of the respective Predecessor Fund.

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