

Dollar Episodic EM Country Performance

From	10/20/2014	8/18/2016	5/6/2014	10/27/2011	4/14/2010	7/26/2011	1/14/2010	11/4/2010	10/14/2015	4/27/2012	2/1/2013	6/18/2013	5/15/2015	4/29/2011	6/18/2015
To	3/13/2015	12/28/2016	10/3/2014	1/16/2012	5/18/2010	10/4/2011	3/25/2010	11/30/2010	11/30/2015	5/31/2012	3/27/2013	7/9/2013	6/1/2015	5/23/2011	7/20/2015
DXY Index	18.1%	9.7%	9.6%	8.9%	8.7%	8.3%	7.0%	7.0%	6.6%	5.5%	5.2%	4.9%	4.6%	4.3%	4.2%
Best	China 47.4%	Egypt 49.1%	Egypt 19.1%	Philippns 6.5%	Chile -0.7%	Colombia -3.0%	Hungary 11.6%	Pakistan 4.0%	Hungary 9.5%	Malaysia 0.3%	Indonesia 9.3%	Egypt 9.6%	China 9.9%	Egypt 6.5%	Greece 21.3%
	Egypt 18.4%	Greece 17.3%	India 18.0%	Thailand 4.0%	Malaysia -0.8%	Mexico -4.7%	Thailand 6.3%	Mexico 0.9%	China 4.7%	China 0.2%	Philippns 8.3%	Mexico 2.0%	Greece 2.5%	Colombia 2.1%	Czech Rep 6.5%
	S. Africa 12.2%	Hungary 16.2%	China 13.6%	Brazil 3.1%	Thailand -0.8%	S. Africa -5.0%	Indonesia 4.0%	Russia 0.0%	Korea 0.9%	Philippns -0.9%	Turkey 5.2%	Hungary 1.8%	Egypt 1.6%	Pakistan -0.1%	Hungary 6.4%
	Taiwan 10.8%	Pakistan 13.6%	Thailand 9.8%	S. Africa 2.6%	Philippns -1.2%	Pakistan -5.0%	Turkey 3.8%	Taiwan -0.4%	Russia 0.5%	S. Africa -1.1%	Greece 3.9%	Pakistan 1.1%	Pakistan 1.4%	Malaysia -0.5%	India 4.9%
	Philippns 10.6%	Russia 12.4%	Mexico 8.1%	Malaysia 2.6%	Indonesia -2.7%	Turkey -5.4%	Egypt 3.6%	Korea -0.4%	Indonesia -0.1%	Colombia -2.3%	Malaysia 3.2%	India 1.1%	India 1.0%	Indonesia -1.0%	S. Africa 3.4%
	India 10.5%	Poland 5.2%	Philippns 7.3%	Indonesia 1.2%	Colombia -3.3%	Brazil -13.3%	S. Africa 3.4%	Chile -0.5%	Philippns -0.6%	Taiwan -2.7%	Korea 1.8%	Thailand 0.2%	Taiwan 0.6%	Czech Rep -1.2%	Pakistan 2.8%
	Hungary 9.3%	Singapore 3.0%	Czech Rep 7.2%	Mexico -0.9%	S. Africa -3.5%	China -13.3%	Poland 1.8%	Egypt -1.4%	Mexico -1.4%	Mexico -2.8%	Singapore 1.5%	Russia 0.2%	Czech Rep 0.5%	Peru -1.7%	Singapore 1.7%
	Indonesia 9.1%	Czech Rep 2.9%	Taiwan 4.2%	Pakistan -1.5%	Turkey -4.3%	Philippns -13.4%	Colombia 1.5%	Malaysia -2.0%	S. Africa -1.8%	Czech Rep -4.2%	Taiwan 0.6%	Malaysia -0.3%	Indonesia 0.0%	Chile -1.9%	Mexico 1.0%
	Russia 8.4%	Korea 1.7%	MSCI EM 3.2%	MSCI EM -1.8%	Czech Rep -4.8%	Malaysia -14.0%	Pakistan 1.3%	Singapore -2.6%	Malaysia -2.1%	Egypt -4.7%	Pakistan 0.5%	Taiwan -0.7%	Mexico -1.0%	Philippns -2.4%	Malaysia 0.1%
	Czech Rep 7.7%	Taiwan 0.8%	S. Africa 3.0%	Chile -2.5%	Pakistan -4.9%	India -14.7%	Mexico 1.3%	S. Africa -3.3%	Czech Rep -2.3%	Pakistan -4.9%	Thailand 0.0%	S. Africa -0.9%	Korea -1.2%	Poland -3.0%	Chile -0.1%
	Singapore 4.6%	Colombia 0.5%	Russia 2.7%	Colombia -2.6%	India -5.4%	Czech Rep -16.4%	Malaysia 0.3%	MSCI EM -4.1%	MSCI EM -2.5%	India -5.0%	S. Africa -1.9%	Philippns -1.6%	MSCI EM -1.9%	Taiwan -3.1%	Philippns -0.9%
	MSCI EM 4.3%	Brazil -1.2%	Poland 2.5%	Korea -3.0%	Peru -5.6%	Peru -17.7%	Philippns 0.0%	Czech Rep -4.5%	Taiwan -3.0%	Poland -6.5%	MSCI EM -2.5%	Singapore -1.8%	Hungary -2.1%	Singapore -3.6%	Korea -1.1%
	Pakistan 3.6%	China -1.9%	Indonesia 2.4%	Peru -3.1%	Korea -5.9%	Egypt -18.8%	Korea -0.1%	Poland -4.6%	Brazil -3.4%	MSCI EM -6.6%	Chile -3.3%	MSCI EM -3.0%	Thailand -2.2%	Thailand -4.6%	Turkey -1.4%
	Korea 3.5%	Chile -2.0%	Peru 0.5%	Hungary -3.1%	Singapore -6.1%	Taiwan -18.8%	India -0.4%	Thailand -4.8%	India -3.5%	Taiwan -4.8%	Chile -6.7%	Mexico -3.6%	Chile -3.5%	Singapore -2.6%	Mexico -4.7%
	Mexico 1.4%	Turkey -2.1%	Colombia 0.5%	Russia -3.4%	Poland -6.2%	MSCI EM -19.6%	Czech Rep -1.3%	Indonesia -5.0%	Chile -3.9%	Thailand -6.7%	Poland -3.9%	Korea -4.3%	Philippns -2.8%	MSCI EM -5.2%	Indonesia -2.3%
	Chile 1.2%	Peru -2.4%	Singapore -0.1%	Singapore -3.9%	Taiwan -6.6%	Chile -19.7%	MSCI EM -1.5%	Peru -6.0%	Singapore -4.5%	Korea -7.1%	Brazil -4.1%	Colombia -4.4%	Chile -3.0%	China -5.3%	Taiwan -2.3%
	Turkey -0.7%	MSCI EM -3.6%	Brazil -0.1%	Czech Rep -4.1%	Mexico -7.4%	Korea -20.2%	Singapore -1.7%	Greece -6.5%	Thailand -4.8%	Singapore -7.4%	Peru -4.5%	Czech Rep -6.7%	Poland -3.5%	Brazil -5.6%	MSCI EM -2.5%
	Thailand -1.1%	Thailand -3.9%	Pakistan -0.2%	Taiwan -4.3%	MSCI EM -7.9%	Singapore -21.3%	Chile -2.1%	Brazil -7.0%	Turkey -5.5%	Peru -7.5%	Czech Rep -5.0%	Brazil -6.9%	Malaysia -3.6%	S. Africa -5.7%	Thailand -3.0%
	Malaysia -1.6%	Malaysia -4.2%	Turkey -1.5%	Turkey -5.4%	Hungary -8.7%	Indonesia -21.8%	Brazil -2.3%	India -7.3%	Pakistan -8.3%	Turkey -8.8%	India -5.7%	Greece -7.5%	S. Africa -4.1%	India -6.0%	Russia -3.2%
	Poland -2.7%	Mexico -5.5%	Malaysia -1.9%	India -6.9%	Egypt -11.2%	Poland -23.1%	Russia -5.3%	Turkey -8.2%	Poland -8.9%	Brazil -8.8%	China -5.8%	Turkey -7.8%	Colombia -4.5%	Korea -6.7%	Poland -3.7%
	Peru -5.7%	India -9.0%	Chile -2.4%	Poland -9.5%	Russia -11.4%	Thailand -26.5%	Peru -6.5%	China -9.9%	Colombia -11.9%	Indonesia -9.6%	Colombia -6.4%	Poland -9.0%	Russia -5.8%	Hungary -8.0%	Brazil -4.2%
	Brazil -11.3%	Indonesia -9.3%	Hungary -2.9%	Egypt -11.1%	Brazil -13.9%	Russia -29.4%	Taiwan -6.6%	Colombia -10.0%	Peru -13.2%	Russia -12.0%	Hungary -7.2%	Indonesia -9.5%	Peru -7.2%	Turkey -8.3%	Egypt -5.9%
	Colombia -20.1%	S. Africa -10.9%	Korea -3.8%	China -11.7%	China -18.6%	Hungary -31.7%	China -6.9%	Hungary -12.1%	Greece -18.5%	Hungary -12.9%	Russia -7.4%	China -10.6%	Brazil -7.5%	Russia -11.6%	Peru -7.7%
Worst	Greece -33.9%	Philippns -14.2%	Greece -14.0%	Greece -22.5%	Greece -19.6%	Greece -47.3%	Greece -7.3%	Philippns -13.5%	Egypt -21.3%	Greece -24.4%	Egypt -8.4%	Peru -12.4%	Turkey -8.4%	Greece -12.9%	China -15.6%