
List of figures

2	Figure 2.1: GDP (current US\$), 1986-2022E.....	8
	Figure 2.2: GDP (by sector), 1991-2017	9
	Figure 2.3: Personal consumption and saving as % of GDP, 1996-2015	9
	Figure 2.4: Unemployment %, 1990-2022E.....	9
	Figure 2.5: Consumer Price Index, 1995-2016.....	10
	Figure 2.6: Exchange rate of VND to US\$, 2001-1Q18	10
	Figure 2.7: Tourist numbers, 1995-2018E.....	11
	Figure 2.8: Foreign Direct Investment, 1990-2016.....	11
	Figure 2.9: FDI as a percentage of GDP in selected Asian countries, 2000-16	11
	Figure 2.10: Government debt as a percentage of GDP, 2000-22E.....	13
	Figure 2.11: Reference countries – GDP constant prices, percentage change, 1990-2022F	14
	Figure 2.12: Reference countries – GDP per capita (current prices in US\$), 1990-2022F....	15
3	Figure 3.1: Population (m) and annual growth rate (%), 1961-2015	16
	Figure 3.2: Vietnam and China – population annual growth rate and GDP per capita	16
	Figure 3.3: Population age and gender distribution, 2015 and 2045F.....	19
4	Figure 4.1: Map of administrative regions	20
	Figure 4.2: Map of Northern Area	21
	Figure 4.3: Map of Central Area	21
	Figure 4.4: Map of Southern Area	21
	Figure 4.5: Map of Vietnam's provinces.....	25
	Figure 4.6: Average rainfall by region per month	27
	Figure 4.7: Average number of dry days by region per month.....	27
5	Figure 5.1: Infrastructure needs by sector, 2018-40F	32
6	Figure 6.1: Cement consumption, 1990-2018F	34
	Figure 6.2: Cement consumption per capita and GDP per capita, 1990-2018F	35
	Figure 6.3: CCPC & GDP/cap for certain Asian countries, 1996, 2006 and 2016.....	36
	Figure 6.4: Population – annual growth rate – Asian countries, 1991-2016.....	37
	Figure 6.5: Cement consumption per capita – selected Asian countries, 1990-2016	39
	Figure 6.6: Cement consumption per US\$ of GDP/cap – selected Asian countries,	40
	1990-2016	40
	Figure 6.7: Urbanisation – selected Asian countries, 1990-2016	41
	Figure 6.8: Change in urbanisation percentage and average CCPC, 2000-06, 2007-16	43
	Figure 6.9: Projected cement consumption, 2017-23F	44
	Figure 6.10: CCPC and GDP/cap for selected countries, 2016	45
	Figure 6.11: CCPC in more developed economies of Asia, 1990-2017.....	46
	Figure 6.12: Projected cement consumption, 2018-50F	47
	Figure 6.13: Domestic deliveries by sea	51
	Figure 6.14: Cement consumption by area per month, 2016, and average rain-free days	52
7	Figure 7.1: Cement production, 1990-2018F	54
	Figure 7.2: Number of integrated cement plants and clinker capacities	55
	Figure 7.3: Number of smaller integrated plants and clinker capacities	56
	Figure 7.4: Map showing cement facilities.....	72
8	Figure 8.1: Vietnam cement and clinker exports and imports, 1990-2017E.....	74
	Figure 8.2: Projected exports, 2017A-23F	79
9	Figure 9.1: Projected deliveries of cement with clinker exports, 2017A-23F	81
	Figure 9.2: Cement deliveries – 2017-23F with projected capacity	83
	Figure 9.3: Cement deliveries – 2017-23F with projected capacity, assuming closures	84