

Contents

Chapters

1. An Overview, Prospects and Executive Summary	
1.1 Overview	1
1.2 Looking Ahead, key Projections	5
1.3 Executive Summary	6
1.3.1 Economic Growth, Savings and Investment	6
1.3.2 Prices	8
1.3.3 Public Finance	8
1.3.4 Monetary and Banking	8
1.3.5 Domestic and External Debt	10
1.3.6 External Sector	11
2. Economic Growth, Savings and Investment	
2.1 Overview	15
2.2 Performance of Agriculture Sector	16
2.2.1 Crops	17
2.2.2 Agriculture Inputs	19
2.2.3 Live stock	23
2.3 Industry	23
2.3.1 Construction	24
2.3.2 Mining & Quarrying	24
2.3.3 Electricity & Gas Distribution	25
2.3.4 Manufacturing	25
2.4 Services	29
2.4.1 Finance and Insurance	31
2.4.2 Wholesale and Retail Trade	31
2.4.3 Transport, Storage and Communication	31
2.5 National Savings	33
2.6 Investment	34
2.7 Saving-Investment Gap	35
3. Prices	
3.1 Global Inflation Scenario	37
3.2 Domestic Scenario	38
3.3 Consumer Price Index	41
3.3.1 CPI Food Group	43
3.3.2 CPI Non Food Group	43
3.4 Incidence of Inflation	46
3.5 Wholesale Price Index (WPI)	47
3.6 Sensitive Price Indicator	47
3.7 Wage Inflation	48
4. Public Finance and Fiscal Policy	
4.1 Overview	49
4.2 Fiscal Performance Indicators	50
4.2.1 Tax Buoyancy	51
4.2.2 Expenditure Indicators	52
4.3 CBR Performance	52
4.3.1 Direct taxes	53
4.3.2 Indirect taxes	53
4.4 Provincial Budgetary Operations FY06	54
5. Money and Banking	
5.1 Monetary Policy	57
5.2 Monetary Survey	63
5.2.1 Net Foreign Assets	63
5.2.2 Net Domestic Assets	66

5.3	Financial Soundness Indicators	81
5.4	Money Market	87
5.5	Capital Markets	90
5.5.1	Market Developments	91
5.5.2	CFS and Futures in KSE	92
5.5.3	Listings in KSE	92
5.5.4	Sector Wise performance in KSE	92
5.5.5	Corporate Profitability	93
5.5.6	Corporate Debt Market	94
6.	Domestic and External Debt	
6.1	Overview	95
6.2	Domestic Debt	96
6.2.1	Composition of Domestic Debt	97
6.2.2	Interest Payments on Domestic Debt	99
6.2.3	Classification of Domestic Debt by Owner	100
6.3	External Debt	100
6.3.1	Debt Sustainability Indicators	103
6.3.2	Structure of External Debt and Liabilities	107
6.3.3	External Debt & Liabilities Servicing	110
	Special Section 6.1: External Debt Sustainability Analysis	113
7.	Balance of Payments	
7.1	Overview	119
7.2	Pakistan External Account	120
7.2.1	Current Account Balance	125
7.2.2	Financial Account	135
7.3	Exchange Rate Reserves	148
7.4	Trade Account	154
8.	Social Sector Developments	
8.1	Population	181
8.2	Poverty	183
8.2.1	Income Poverty	184
8.2.2	Income Inequality	186
8.3	Employment	186
8.3.1	Sector wise Employment Distribution	187
8.3.2	Overseas Employment	188
8.3.3	Unemployment Trends	189
8.4	Education	190
8.5	Health	194
8.6	Environment	197

Boxes

1.1	Recommendations by Inter-Ministerial Committee on Food Inflation	12
2.1	Prospects for the Wheat Yield	18
2.2	SME Policy 2007 SME led economic growth- creating jobs and reducing poverty	25
2.3	Pakistan's Motorcycle Industry	28
2.4	Data Issues in Services Sector	29
2.5	WLL Services	33
3.1	Rising Global Food Inflation	39
3.2	How Can Pakistan Overcome the Rising Food Inflation?	45
5.1	What is the Second Round Impact of Food Inflation?	59
5.2	Controlling the Growth in Reserve Money at the Core of the New Monetary Policy Framework	61
5.3	Rationale behind the Abandonment of Credit Plan	62
5.4	The Sterilization Experience of Asian Economies	65

5.5	Fiscal Imbalances and Inflation: Review of Empirical Literature	68
5.6	Crowding Out Of Private Sector: a Phenomenon absent By Now	69
5.7	Slowdown in Credit Growth: Interest Rate Channel Vs the Credit Channel	71
5.8	The Capital Channel: a Relatively New Channel in Monetary Policy Transmission Mechanism	73
5.9	The Restructuring of NCCC - Increased Focus on Removing the Credit Constraints from the Economy	75
5.10	The Adverse Implications of Export Finance Scheme	77
5.11	Pass-Through of Discount Rate on Corporate Lending Rates	78
5.12	The Extent of the Relationship between Kibor and WALR	78
5.13	Performance of Pakistan Banking Industry Compared With Other Asian Countries	81
5.14	Asymmetric Impact of Changes in Policy Rate on Deposit Rates	85
5.15	Impact of EFS on Net Interest Margin	86
5.16	Why Commercial Banks are investing in 12- Months T-bills	89
6.1	External Debt Indicators – A Comparison	104
6.2	External Debt Servicing Vulnerability Index	105
7.1	Impact of Trade Liberalization on the Current Account Balance of Pakistan	124
7.2	Current Account Deficit and Adjustment Policies	126
7.3	SBP Forex Liberalization Measures	127
7.4	Long-run Implications of FDI Inflows on Pakistan’s Economy	138
7.5	One-way and Two-way Fungibility/Convertibility	144
7.6	Impact of International listing by Banks and Firms: A Case of Pakistan	144
7.7	REER Indices of IMF, SBP and World Bank; How They Differ? An Explanatory Note	150
7.8	Export Diversification in Pakistan	155
7.9	Export Incentives and Export Over-invoicing	157
7.10	South Asian Free Trade Agreement	175
7.11	Trade Policy Overview	176
8.1	Major Trends in World Population	179
8.2	Definitions	181
8.3	National Poverty Figures	182
8.4	Provincial Governments Initiatives	191

Tables

1.1	Selected Macroeconomic Indicators	2
1.2	Major Economic Indicators	5
2.1	Sector-Wise Growth Rates and Shares	16
2.2	Gains in yields of Major Crops	16
2.3	Agriculture Sector Performance	17
2.4	Growth of Minor Crops	19
2.5	Credit Disbursement as percent of Target	19
2.6	Agri-credit Disbursement for Fertilizers Purchase	21
2.7	Certified Seed Supply and Gap	22
2.8	Livestock Population Growth	23
2.9	Growth of Industrial Value Added	23
2.10	Construction -Performance Indicators	24
2.11	Cement Dispatches Destination	28
2.12	Services Sector Targets vs. Actual Performance	29
2.13	Transport, Storage & Communication Sector (Jul-Mar 07)	31
2.14	Cargo Handling-Growth	32
2.15	Communication Sector Indicators (Jul-Mar period)	33
2.16	Domestic Saving, Capital Formation and Resource Gap	35
3.1	Effect of Food Inflation in June 2007	37
3.2	Changes in Key Monetary Policy Rates	38
3.3	Inflation Trends	38
3.4	Consumer Price Inflation (period average)	41
3.5	Distribution of Price Changes of CPI Basket, June 2007 (YoY)	42
3.6	Growth in Per Capita Availability of Key Food Staples in Pakistan	43
3.7	Top Ten Contributions to YoY CPI Food Inflation in June 2007	44
3.8	Contribution of Sub-Indices to WPI Non-food inflation	47
4.1	Pakistan Summary of Consolidated Public Finance	50
4.2	Consolidated Expenditure	52
4.3	Actual Tax Collections (net) by CBR	52
4.4	Direct Tax Performance	53
4.5	Central Excise Duty Collection	53
4.6	Provincial Government Operations	54
5.1	Key Macro Targets and Performance	57
5.2	Composition of M2 Growth by Sectors	60
5.3	Monetary Survey	63
5.4	Growth in Business Sector Loan	74
5.5	Credit to GDP Ratio	82
5.6	Auction Statistics FY07	88
5.7	PIB Auction Profile	90
5.8	Overview of Capital Market	91
5.9	Sector-Wise Annual Corporate Results for CY05 and CY06	93
5.10	Listing of Term Finance Certificates in FY07 (KSE)	94
6.1	Profile of Total Debt and Liabilities	96
6.2	Outstanding Balance of T-bills	98
6.3	Major NSS Instruments (stocks)	99
6.4	Performance of Selected NSS Instruments	99
6.5	Interest Payments on Domestic Debt	99
6.6	Pakistan's External Debt & Liabilities	101
6.7	Sources of Increase in EDL Stock - FY07	102

6.8	Selected External debt/Liabilities Indicators	103
6.9	Terms of Multilateral Loans	107
6.10	Sovereign Bonds	108
6.11	Pakistan's External Debt and Liabilities Servicing	111
6.12	Projected Debt Servicing Burden	112
7.1	Major Economic Indicators of World Economies	117
7.2	Current Account Balance	128
7.3	Details of Interest Payments and Receipts	130
7.4	Workers' Remittances	132
7.5	Financial Account	135
7.6	Major sector wise FDI	136
7.7	Pakistan's Ranking in the Inward FDI Performance Index	137
7.8	Performance of Major Stocks	141
7.9	Information on GDRs (FY07)	142
7.10	Firm Specific Major Foreign Exchange Equity Inflows in Private Sector	151
7.11	Reserves Adequacy Ratios	152
7.12	Comparison of Incentives to Textile Industry	160
7.13	Vulnerability of Pakistan Textile Exports to China	161
7.14	Rice Exports	162
7.15	Price Comparison of Rice	162
7.16	Rice Export Market	162
7.17	Impact of Price and Volume on the Major Textile Exports	163
7.18	Pakistan's Cotton Yarn Exports Markets	164
7.19	World's Major Markets of Cotton Yarn (Containing 85% or More Cotton by Weight)	165
7.20	Pakistan's Cotton Fabrics Export Markets	165
7.21	Market Analysis of Major Textile Items	166
7.22	Major Exports	168
7.23	Analysis of Machinery Import	171
7.24	Impact of Price and Volumes in Total Rise of Petroleum	172
7.25	Contribution in Total Petroleum Products Imports	173
7.26	Major Imports	174
8.1	Demographic Indicators (2007)	180
8.2	Human Poverty Index	181
8.3	Poverty Estimates	182
8.4	Distribution of Poor Population	183
8.5	Region Wise Income Bands	183
8.6	Ratio of Highest to Lowest	184
8.7	Population, Labor Force and Participation Rates	184
8.8	Sectoral Incremental Contribution in Jobs	185
8.9	Unemployment-Pakistan and Provinces	186
8.10	SAARC Countries Comparison	188
8.11	Gender Parity Index	188
8.12	Ranking of Districts (Literacy Rate)	190
8.13	Pakistan Status-MDG-II	192
8.14	Comparative Social Indicators	192
8.15	Human Resource Availability	193
8.16	Health Related Millennium Development Goals	194
8.17	Child Health Indicators	195
8.18	Status of Pakistan towards Achievement of Environment Goal of MDG	196

Figures

1.1	Real GDP Growth Trend	1
2.1	Real GDP Growth	15
2.2	Contribution to GDP Growth	15
2.3	Share in Agri-credit Market	19
2.4	Purpose-wise Credit Disbursement – Growth	20
2.5	Share of Tractor Financing in Developmental Loans	20
2.6	Share in Agri-Credit Disbursement	20
2.7	Rainfall Pattern	21
2.8	Fertilizer Off-take (12-month moving average)	21
2.9	Relative Prices of DAP to Urea	22
2.10	International Fertilizer Prices	22
2.11	Performance of Industrial Sector in FY07	23
2.12	Growth in Construction Sector	23
2.13	Growth in Electricity & Gas Distribution	25
2.14	Growth in LSM	25
2.15	Growth in Selected LSM Groups	26
2.16	Contribution of Textile in LSM Growth	27
2.17	Growth in Food Group	27
2.18	Impact of Auto Financing	28
2.19	Growth in Services Sector	29
2.20	Telecom Sector Revenues	33
2.21	PEMRA Receipts	34
2.22	National Savings	34
2.23	Investment-to-GDP Ratio	34
2.24	Real Fixed Investment as percent of GDP	35
2.25	Saving-Investment Gap	35
3.1	International Commodity Price Indices	37
3.2	Movements in Price Indices	40
3.3	Core Inflation	41
3.4	CPI Inflation (YoY)	41
3.5	Weighted Contribution to CPI Inflation	42
3.6	CPI Food Inflation	43
3.7	Temporary and Volatile Contributors to Food	44
3.8	Permanent Contributors to Food Inflation	44
3.9	CPI Non-food Inflation	46
3.10	Income Group-wise Inflation (YoY)	46
3.11	WPI Inflation	47
3.12	WPI Non-food Inflation (YoY)	47
3.13	Weekly SPI Inflation	48
3.14	Wage Inflation	48
3.15	Real Wages of Construction Workers	48
4.1	Growth in Revenue and Expenditure	49
4.2	Fiscal Balance Indicators	51
4.3	Growth in Taxes	51
5.1	Liquidity Conditions in the Inter -bank Market	57
5.2	Volatility in Prices as Measured by Standard Deviation of YoY Growth Across Months	58
5.3	Contribution to Growth in Private Sector Loans	58
5.4	Trend in Inflation	58
5.5	Money, GDP Growth and Inflation	59
5.6	Monthly Composition of Money Supply (FY07)	60

5.7	Reserve Money Flows (cumulative)	60
5.8	Yearly NFA Flows	63
5.9	Comparing CAD & Other External Inflows	64
5.10	Concentration of NFA Flows in June	64
5.11	FE-25 Utilization (end-June Composition)	64
5.12	Exchange Rate Movements	65
5.13	Contribution of Forex Intervention in Increase in SBP NFA	65
5.14	Causative Factors of NDA Growth	66
5.15	Reducing Reliance on Bank Finance	67
5.16	Budgetary Borrowings from Banking System	67
5.17	Composition of Budgetary Borrowings	68
5.18	Private Sector Credit in Five Years	70
5.19	Herfindahl Index of Credit Concentration	71
5.20	Dynamics of Credit Expansion	72
5.21	Composition of Growth in Business Sector Loans	74
5.22	Import of Textile Machinery	74
5.23	Contribution in Growth of Working Capital Loans	75
5.24	Growth in Trade Finance	76
5.25	Composition of Trade Finance	77
5.26	Consumer Loans	79
5.27	NPLs to Loan Ratio in Consumer Finance	80
5.28	Composition of Consumer Finance	80
5.29	Banks' Exposure in Housing Finance	80
5.30	Indicators of Financial Efficiency	82
5.31	Banking Spread	83
5.32	Share of Deposits Mobilized at 8.0 Percent (or above) Rate of Return in Total Deposits	83
5.33	Cumulative Deposit Growth	83
5.34	Credit to Deposit Ratio	84
5.35	Dollarization in the Economy	84
5.36	Earnings of the Banking Sector	84
5.37	Asset Quality of Banks	86
5.38	Movements in NPLs and Trend in Gross NPLs	87
5.39	Open Market Operations	88
5.40	Auction Cut-off Rates	88
5.41	Performance of KSE	90
5.42	KSE-100 Index and Ready Volumes	90
5.43	Regional Equity Markets Indices 3 July 2006 =100	91
5.44	CFS and Futures Volumes in KSE	92
5.45	CFS Investment and KSE	92
5.46	IPOs and Floatations in KSE	92
5.47	Turnover of Major Sectors	93
5.48	Floatations of TFCs	94
6.1	Trends in Total Debt and Liabilities	95
6.2	Total Debt & Liabilities/ Servicing	95
6.3	Short Term Debt Servicing	95
6.4	Interest Rate Structure of TDL Inflows in FY07	96
6.5	Growth in Domestic Debt	97
6.6	Domestic Debt as Percent of GDP	97
6.7	Change in Domestic Debt Stock	97
6.8	Net Flows in PIBs, FIBs and PB	98
6.9	Outstanding Stock of 6-month T-bills	98
6.10	Floating Debt	100
6.11	Composition of Government Debt Held by Banking System	100
6.12	External Debt Trends	101
6.13	Cost Structure of Loans Inflows in FY07	102
6.14	Indicators for External Debt & Liabilities	102

6.15	EDL Stock/ Revenue Receipts	103
6.16	Maturity Structure of Major Inflows in FY07	104
6.17	Sources of Rise in the Multilateral Debt Stock	107
6.18	Composition of ADB Financing	107
6.19	Spread of 10-Year Eurobonds Yields in Secondary Market	108
6.20	Terms-Wise Break up of Foreign Private Loans	109
6.21	Stock of Special US\$ Bonds	110
6.22	Debt Servicing Indicators	110
7.1	GDP Growth Rates	117
7.2	External Account Balance	118
7.3	Overall Balance	119
7.4	External Account (Quarterly Position)	119
7.5	Exchange Rate Movement and Current Account Balance (Excluding Oil Payments)	120
7.6	Trade Liberalization Indicators	121
7.7	Sustainability Indicators	121
7.8	Saving-Investment Gap as Percent of GDP	122
7.9	Financing Pattern	122
7.10	Pakistan Sovereign Credit Rating	122
7.11	Reserves Adequacy	123
7.12	Current Account Balance	123
7.13	Net Invisible Account (YoY Change)	123
7.14	Break-up of Services Account	129
7.15	YoY Growth in Services Outflows	129
7.16	Foreign Exchange Companies Outflows	129
7.17	Composition of Income Account Outflows	130
7.18	Contribution in the Growth of Investment Income Outflows	131
7.19	Repatriation of Profit & Dividend	131
7.20	Comparison b/w Profit & Dividend and Reinvested Earnings (FY07)	131
7.21	Current Transfers (YoY Change)	132
7.22	Contribution to Remittance Growth	133
7.23	Sources of Rise in Remittances from ME	133
7.24	Sources of Change in Remittances from USA	133
7.25	Remittances from UK	133
7.26	Composition of Other Private Transfers (Credit)	134
7.27	Other Private Transfers (YoY Change)	134
7.28	Sources of Rise in Financial Account Surplus	134
7.29	Financial Account Surplus (FY07)	134
7.30	Net Foreign Investment	136
7.31	Foreign Direct Investment	136
7.32	Composition of Foreign Direct Investment	137
7.33	Sources of Rise in Portfolio Investment (FY07)	139
7.34	Foreign Investment in Stock Market and SCRA	140
7.35	Coefficient of Variation of Daily SCRA Flows Across Quarters (FY07)	140
7.36	Foreign Holding as Percent of Aggregate Market Capitalization	140
7.37	Reserves to Market Value of SCRA Balance	141
7.38	Share Price Comparison	142
7.39	Foreign Private Loans	143
7.40	Trade Financing Against FE-25 Loans	144
7.41	Volatility in Inter bank Exchange Rate	146
7.42	US\$ Denominated FE Lending	146
7.43	FIB Rates and International Oil Prices	146
7.44	SBP Purchases and Oil Payments	147
7.45	Foreign Exchange Market Pressure Index	147
7.46	CPI Growth in Basket Countries	149
7.47	App/Dep in RPI, NEER & REER	149
7.48	Foreign Exchange Reserves	151

7.49	Export and Import Growth Against Trade Deficit to GDP Ratio	152
7.50	Contribution in Import Growth	152
7.51	Contribution in Export Growth	153
7.52	IMF Export Price Indices in US Dollar	153
7.53	Export Under-invoicing to China	154
7.54	Export Growth - Quarterly Perspective	158
7.55	Contribution in Export Growth	159
7.56	Comparative Analysis of Cotton Prices	159
7.57	Fish and Fish Preparation Export Growth	161
7.58	Rice Exports and Production	163
7.59	Export Growth of Textile Manufacture	163
7.60	Unit Values of Cotton Yarn and Fabrics	164
7.61	Unit Values of Bedwear and Towels	165
7.62	Price of Readymade Garments & Hosiery	166
7.63	Contribution in Import Growth	169
7.64	Saudi Arabian Light Oil Prices	169
7.65	Comparison of Import Growth & Private Sector Credit Growth	169
7.66	World Edible Oil Prices	170
7.67	Road motor Vehicles, Telecom and Textile Machinery Imports	170
7.68	Textile Machinery Import (Annual Average) in Historical Perspectives	172
8.1	Trends in CBR and CDR	180
8.2(a)	Population Distribution in Income Bands (2004-05)	183
8.2(b)	Change in Population Distribution in Income Bands	183
8.3	Labor Force, Employed Labor Force and Labor Participation Trends	185
8.4	Sectoral Share in Employment Labor in Total Labor	185
8.5	Province Wise Sectoral Share in Employment	186
8.6	Country Wise Overseas Labor Share in Total	186
8.7	Unemployment Rates (Cross country)	187
8.8	Rural-Urban Unemployment Distribution	187
8.9	Educational Indicators for Provinces	189
8.10(a)	Change in Expenditure on Education	190
8.10(b)	Expenditure on Education	190
8.11	Spending on Health	193