

# 1. Introduction

## 1.1 Background

Flow of funds accounts analysis was initiated in 1982 by the State Bank of Pakistan in collaboration with Federal Bureau of Statistics and Planning Commission of Pakistan. The framework including sector classifications, transaction categories and compilation procedure were prepared by SBP under the guidelines of SNA-68. With the passage of time, new trends have evolved in the economies. Private corporate sector has emerged stronger in many countries and privatization of state-owned enterprises has taken place. Financial Sector has thrived with innovative products, sophisticated equipments, and diversification of financial instruments. The role of government has been redrawn especially in the countries moving towards market economy. Some countries of the region, like Japan and Philippine have switched over to SNA-93, a revised version of SNA-68. After all these developments, updating compilation methodology of flow of funds became necessary.

The Flow of Funds Accounts 2004-05 have been compiled according to the United Nations' System of National Accounts 1993 (SNA-93). These guidelines are in complete harmony with the sectors of the economy and classification of transactions, estimate of sectoral savings, and investment together with financial flows classified by instruments. Its details are available in the flow of funds accounts summary statements. The accounts have been reviewed by a foreign Consultant on flow of funds accounts to State Bank of Pakistan. We have incorporated his recommendations in the revision of accounts 2004-05.

## 1.2 Conceptual framework of the accounts

Flow of funds arises from transactions, taking place in economy- involving purchase or sale of goods and services or exchanges of assets and liabilities. These transactions generate flow of funds from one agent to other, and from one sector to other. National flow of funds accounts provides a record of these flows for the whole economy. The accounts covering individual or corporate transactions are called resources-uses statements. Thus the flow of funds accounts or accounts of financial flows record and summarize, in a systematic way, the financial transactions of economy.

The accounts records and maintains the borrowing and lending operations of various

sectors of the domestic economy within and with the Rest of the World sector. It also helps to trace the flow of savings through various financial channels and into the financing of real capital formation. The accounting of financial flows is one component of the national economic accounting.

It shows financial transactions between broad sectors of the economy linking the saving and investment aggregates in other components of the national economic accounting with their associated lending and borrowing activities. This may be used to analyze financial developments.

Flow of funds accounts are sectoral accounts. While these accounts place emphasis on financial corporations because of their important role in financial activity, these also cover financial activities of other sectors. These accounts measure financial flows across sectors of the economy, tracking funds flowing from sectors that serve as resources of capital, through intermediaries to sectors that use the capital to acquire physical and financial assets.

Flow of funds accounts once a separate Statistical system is now linked to the nonfinancial economy by its integration with the national accounting framework, particularly through associating financial data with data on savings and capital formation. Flows of funds are transactions accounts, but they are often linked to balance sheet accounts prepared in conjunction with accounts of stocks of financial assets and liabilities of each institutional sector.

The flow of funds accounts mainly consist of two parts, i.e., non-financial flows and financial flows. Non-financial flows relate to the flow of current income and expenditure, saving and investment. Income and outlay account of a sector relates to the incoming of factor incomes and outgoing of consumption expenditure including net current transfers and presents saving as a balancing entry. Saving is transferred from the income and outlay account to the capital account and is used for investment purposes. Lending / borrowing are the balancing entry of this account depending on whether uses are less or more than the resources of the sector. The essential feature of the non-financial flows is thus to present saving, investment, and net lending/ borrowing. The surplus / deficit in the non-financial flows indicate the saving-investment gap. In fact, the non-financial flows in the flow of funds accounts are the same as the capital account with saving and investment as resources and uses.

The financial flows account is an extension of capital account and describes lending and borrowing operations of the different sectors in the economy. Sectors borrow by issuing claims on themselves or lend to others by accepting claims on them. A sector may carry out both of these activities in varying degrees. A sector is classified as a deficit sector when the claims issued are more than the claims accepted. Net lending to other sectors is the indication of a surplus sector. The borrowing transactions take the form of increase in liabilities, sale of financial assets or reduction of money balances. The lending operations is, acquisition of financial assets, increase in money balances or repayment of past debts. Increase in liabilities and decrease in financial assets are termed as the financial resources of funds or incurrence of liabilities while increases in financial assets and decreases in liabilities are known as the financial uses of funds or acquisition of financial assets.

The flow of funds accounts are presented on —from whom to whom basis classified by type of the financial instruments. Funds obtained (resources of funds) in any type of financial instrument should be equal to the uses of funds in that form as the financial claims, issued by one sector are held by others. The non-financial flows display the sector's current and capital receipts and payments which give rise to its financial deficit (a net use of funds) while the financial flows show the increases in the sector's financial liabilities (resources of funds) which have allowed it to finance the deficit and acquire additional financial assets (uses of funds). The financial surplus / deficit shows the difference between financial resources and uses of a sector. The sum of the financial surplus / deficit across the sectors should be zero, since any change in one sector's financial liabilities must be matched by change in another sector's financial assets.

A balanced resources and uses of funds account is drawn for each sector to record its savings and borrowings (resources of funds) and its real investment, lending and accumulation of money balances (uses of funds). The surplus / deficit of a sector can be analyzed into issue and acquisition of financial claims. On the pattern of double-entry system of book keeping, these sector accounts interlock because the issue of claims by one sector generates corresponding entry for acquisition of claims by other. The complete set of flow of funds accounts summary matrix for any year is, therefore, an interlocking set of resources and uses for the economy as a whole.

### **1.3 Purpose and value of the accounts**

The flow of funds accounts house many channels through which financial policies are implemented, particularly if data for the sectors and subsectors, responsible for implementing policies are presented separately from other sectors. For example, to analyze how changes in financial positions affect spending decisions and economic behavior, it is possible to trace the effects of monetary policy actions through the accounts of the central bank, other depository corporations, and nonfinancial sectors. The linkages examined in flow of funds accounts are more extensive than those presented in monetary statistics.

Flow of funds accounts are useful for financial projections and forecasting, by ensuring both:

- i. The internal consistency of financial forecasts and
- ii. The consistency of financial forecasts with national accounts

forecasts. The accounting constraints in the matrix can be built into economic models in which the variables are forecast simultaneously, or they can be used as a consistency check on forecasts of variables that have been derived independently of one another.

Flow of funds accounts are useful in macroeconomic modeling and provide a framework for financial programming. These accounts demonstrate a number of sectoral relationships (including consistency of flows between sectors with macroeconomic objectives such as a sustainable balance of payments position, adequacy of credit from depository corporations to specified sectors, financing central government deficit, etc.)

The accounts facilitate analysis of sectoral movements that balance supply and demand for funds coming from significant sectors of the economy. The quantum and nature of funds that are transferred directly from savers to the investors as also those routed through financial intermediaries are revealed. Changes in the liabilities and assets of foreign countries / institutions are accounted for separately in the Rest of the World sector. Thus the level of domestic savings vis-à-vis financing by the Rest of the World may also be ascertained from these accounts. The flow of funds accounts provides a useful macro-economic framework for investment program analysis.

The intermediary role, played by the financial institutions such as banks, non-bank financial institutions and insurance companies in attracting funds and responding to the investment needs of the economy may be assessed. The operations of the financial intermediaries in relation to sectoral flows and the structural changes in various forms of their borrowing and lending activities are important to analysts in many ways. This is more important for developing countries where demand for funds and for material resources normally exceeds supply.

When sector accounts are placed side by side and the flow of funds matrix for the economy is constructed as a whole, a wide variety of analytical questions about capital market process and problems of growth can be answered: how private and public capital formation is being financed in a plan period? How much capital is provided from domestic savings and how much from abroad?

Compilation of flow of funds accounts is important for Pakistan as to provide a framework for the analysis of a number of key financial problems in development planning. The financing of the public sector development program including financing of the federal budgetary deficit and the public sector enterprises, management of the balance of payments to ensure adequate foreign exchange reserves and the control of the monetary and banking system with a view to ensuring availability of adequate funds are the problems which can be tackled within the flow of funds framework.

#### **1.4 SNA-68 Vs SNA-93**

The compilation of flow of funds accounts under SNA-93 is different from SNA-68 as:

- i. Though SNA-93 retains the basic theoretical framework of its predecessor, it is more harmonized with other related statistical systems than SNA-68. It introduces a number of features that reflect new analytical and policy concerns of countries and international organizations.
- ii. The new system describes in detail the links between the SNA and the related statistical system on balance of payments prepared by the IMF.
- iii. SNA-93 introduces three subsectors for non-financial corporations, i.e., public, national private, and foreign controlled. SNA-93 expanded the SNA-68 financial sector to include other depository corporations and financial

- intermediaries, in addition to financial corporations that incur financial liabilities and acquire financial assets on their own account.
- iv. Under SNA-93 approach, a broad category of sectors and sub sectors is identified having greater coverage of financial instruments making estimation of residual sectors limited and progressively smaller.
  - v. Under SNA-68 the composite flows were obtained by subtracting two stocks, while under SNA-93 the flows are based on transactions actually taken place(actual flows) ,i.e., change of ownership is considered and usually through cash movement.
  - vi. The flow of funds accounts under SNA-93 format can integrate capital accounts with financial accounts transactions and with sectoral and national balance sheet.

### **1.5 The Structure of the Accounts under SNA-93**

SNA-93 contains a consistent and integrated set of economic accounts that cover all institutional sectors and subsectors of the economy and the economic relationships of an economy with the Rest of the World (RoW).The SNA contains a full set of interrelated accounts for transactions and other flows, as well as balance sheets that show the stocks of non-financial assets, financial assets, and liabilities. The main elements of the accounts of the SNA for the economy can be presented as equations that show the internal relationships among main aggregates for the total economy. The basic equations can be combined and rearranged to highlight saving-capital formation relationships and links between the domestic economy and the RoW.

## **2. Sectors of the economy**

A significant element in the preparation of flow of funds accounts is the appropriate grouping of commonly identifiable economic units into sectors. A sector refers to a subdivision of the economy, in particular to a group of decision-making units within the economy that are more or less homogeneous in certain respects. The choice is governed by such considerations as the homogeneity of groups of decision-making units, the availability of basic data and ease in handling.

2. The sectoral classifications follow the United Nations' System of National Accounts (SNA-93), that consists of a coherent, consistent and integrated set of macroeconomic accounts; balance sheets and tables based on internationally agreed concepts, definitions, and classifications and accounting rules. It provides a comprehensive accounting framework in which economic data can be compiled and presented in a format designed for the purposes of economic analysis, decision, and policy making.

**According to SNA-93, the sectors and sub-sectors classification is as following:**

### **1. Non-financial Corporations**

- i. Public sector enterprises
- ii. Other private corporations
  - a. National private
  - b. Foreign controlled

### **2. Financial Corporations**

- i. Central bank
- ii. Other depository corporations
  - a. Deposit money institutions
  - b. Other deposits accepting institutions
- iii. Other financial intermediaries; except insurance corporations and pension funds
- iv. Insurance corporations and pension funds
- v. Financial auxiliaries

### **3. General Government**

- i. Central government
  - a. Federal government excluding NPIs and public sector enterprises
  - b. Federal government NPIs
- ii. State and local government (Provincial governments)

a. Provincial & local government excluding NPIs and public sector enterprises

b. Provincial & local governments NPIs

**4. Households**

**5. Non -Profit Institutions Serving Households (NPISH)**

**6. The Rest of the World**

### **3. Methodology**

To compile flow of funds accounts according to the transactions and classifications of SNA-93, sectoral balance sheet (Performa) for each sector along with reporting guidelines were placed on the SBP Website. We sent specially designed Performa to federal and provincial governmental NPIs to collect their data. As recommended by consultant, we stopped direct data collection from non-financial private and public sectors. So we extracted / estimated data direct from the published balance sheets of the private and public sector enterprises. The data pertaining to Banks, Central bank, NBFCs Depository and Non-depository, Insurance companies and Exchange companies was received from M&FS Division. For the compilation of sectoral balance sheet of governmental NPIs, we used data received from them.

The consolidated balance sheet of a particular sector, presenting a complete picture of its liabilities and assets, is the basis for compilation of the flow of funds accounts. The assets are divided into financial and non-financial assets while liabilities are classified as net worth and other financial liabilities. Increase in physical and financial assets of the balance sheet represent investment and lending on the uses side of the flow of funds accounts whereas increase in reserves and liabilities refer to savings and borrowings on the resources side. As total assets are equal to total liabilities in the balance sheet, the resources match with the uses in the flow of funds accounts. The sectoral balance sheets that together provide an integrated system for measuring economic flows and the resulting stocks of non-financial and financial assets and liabilities are:

- i. Opening balance
- ii. Changes in stock positions (net transactions, valuation changes and other changes in volume)
- iii. Closing balance

Under the principle of accrual accounting, transactions are recorded when economic value is created, transformed, exchanged, transferred, or extinguished. Claims and liabilities arise when there is a change in ownership.

#### **3.1 Sectoral Classification and their Treatment**

##### **3.1.1. Non- Financial Corporations**

###### **Public sector non-financial corporations**

This sub-sector covers enterprises principally engaged in non-financial activities owned or controlled by public authorities incorporating public corporations by virtue of company law or other public acts, special

legislation or administrative regulations. It also holds and manages the financial assets and liabilities as well as the tangible assets involved in the business and that sell most of the goods or non-financial services they produce to the public. These enterprises do not hold and manage financial assets and liabilities apart from their working balances and accounts receivables / payables. As a practical rule, corporations are considered publicly owned or controlled if either the government holds major shares or the government representatives constitute a majority on the board or government effectively controls the operations of the organization. This sub-sector also includes the quasi-corporations, which are financially integrated with the federal government (government enterprises) e.g., Pakistan Railways, Pakistan Post Office. The figures related to Pakistan Railways and Pakistan Post Office were picked up from their appropriation accounts as published by the federal government.

#### **Private non-financial corporations**

This sub-sector includes privately owned and / or controlled enterprises primarily engaged in non-financial activities, which are:

- i. Incorporated enterprises e.g., corporations, joint stock companies, limited liability partnerships, non-credit co-operatives and other forms of business associations which are registered under company and similar laws, acts or regulations and recognized as legal entities.
- ii. Quasi-corporations and relatively large ordinary partnerships and sole proprietorships having complete balance sheets as well as real assets involved in the business.

This sub-sector consists of about 42 thousand companies registered with Security & Exchange Commission of Pakistan (SECP). As per recommendations of the FoF Consultant, we have taken only 300 joint stock companies listed at KSE having significant paid up capital and are major contributors in the production of goods and services, Non-listed companies having foreign participation were taken for analysis.

The data according to sectoral balance sheet was extracted / analyzed from their annual reports, i.e., using their balance sheet, profit & loss account,

cash flow and notes to the accounts as per standard transaction classification of SNA-93. The overall data analysis of private corporate sector was raised with respect to total paid up capital of non-financial corporate sector registered with SECP.

### **3.1.2. Financial Corporations**

#### **Central Bank**

This covers the transactions carried out by the Issue and Banking Departments of the State Bank of Pakistan. The sectoral balance sheet data related to SBP received from M&FS Division.

#### **Other depository corporations**

##### **a. Deposit money institutions**

These are resident depository corporations and quasi corporations, having any liabilities in the form of deposits payable on demand, transferable by cheque or otherwise useable for making payments. Scheduled banks, specialized banks and Punjab provincial cooperative banks fall under this category. In other words, the sub-sector includes all institutions licensed as banks and carrying out regular banking business.

The flow of funds accounts put the banking sector into the context of the demand for funds from the various domestic sectors. The requirements of private corporate business and public sector enterprises for bank credit can be translated into expansion of the domestic portfolio of the banks. This in turn can be translated into a corresponding monetary expansion. If this expansion is excessive, the implications for credit control may be worked out. The Sectoral Balance sheet related to Banks was made by using publication on Scheduled Banks Statistics.

##### **b. Other deposit accepting institutions**

These are resident depository corporations and quasi corporations, having any liabilities in the form of deposits that may not be readily transferable or in the form of financial instruments such as short-term certificates of deposits, which are close substitutes for deposits.

These include DFIs, some investment banks, leasing companies and modarabas.

### **Other financial intermediaries**

These are corporations engaged in financial intermediation, raising funds from financial markets, but not in the form of deposits, and use them to acquire other kind of financial assets. These include discount houses, venture capital companies, mutual funds, housing finance companies and Cooperative banks except Punjab provincial cooperative bank. The basic data on depository and non-depository NBFCS was received from M&FS Division. The sectoral data related to SBP was extracted from SBP annual report and

### **Insurance companies**

This sub-sector includes insurance companies (both private and public) consisting of organizations providing life, accident, sickness, fire, casualty or other forms of insurance. This also includes separately organized insurance activities established by fraternal and friendly societies and by private authorities to provide various forms of insurance on a voluntary basis. Postal Life Insurance is also covered under sector. The sectoral balance sheet and sectoral flow of funds accounts FY05 were made by analyzing/ extracting data from annual reports of insurance companies operating in Pakistan.

### **3.1.3 General Government**

The formulation of the annual development plan and the annual budget statement will have more or less definite implications for borrowing needs. Government borrowing is essentially needed to fill the gap between the current revenue deficit and the planned capital expenditure including financial assistance to public sector enterprises. The flow of funds accounts can help to determine the nature and extent of financing which could be arranged from various domestic and foreign sectors.

General Government includes federal government, provincial governments, local governments and governmental NPIs. As per recommendations of the FoF Consultant, the data related to provincial and federal NPIs have been merged into respective governments.

### **Federal government**

This includes all departments, offices, establishments and other bodies, an instrument of the federal government (other than those included elsewhere as financial institutions and non-financial public enterprises) irrespective of whether these agencies are covered in ordinary or extraordinary government budgetary accounts or extra-budgetary funds. The data related to federal NPIs has been merged in this sector.

### **Provincial and local governments**

All departments, offices, establishments and bodies, constitute provincial and local governments. Included are the four provincial and the local government institutions e.g., district councils, municipal committees / corporations, town committees, union councils and rural works programs and provincial government NPIs.

The sectoral flow of funds financial accounts for FY05 are estimated by using other sectors' data related to provincial governments and other sources of information, including SBP annual report. The aggregate data on economy level related to non-financial savings, investment and fixed capital consumption have been used as published by Planning Commission and FBS respectively with sectoral level adjustment.

### **Federal and Provincial Government NPIs**

Non-profit institutions are legal or social entities created for the purpose of producing goods and services, whose status does not permit them to be a source of income, profit or financial gain. The NPIs financed and controlled by federal or provincial governments are properly constituted legal entities exist separately from governments but are financed and regulated mainly by governments.

The universities, colleges, boards of educations, research institutions and academies are included in this category. The data related to NPIs collected through specially designed proforma and merged with respective governments, as per recommendations of the FoF Consultant.

### **3.1.4 Other Resident Sector**

Private sector savings as derived from the private corporate business, the households and unincorporated business sector are important. It is useful to have such a private sector account when resources and uses are used as a macro-framework. Other resident sector is a residual sector including household and NPISHs engaged in market production. Charging fees determined by costs of production are sufficiently high to have a significant influence on the demand of their services, but any surpluses must be retained within these entities as their status is as NPI. Data for financial account's resources and uses are calculated by cross sector reporting of household data and the non-financial savings & investment data has been estimated by subtracting the identified sectors from estimates for the total economy. All resources of the specified sectors that cannot be identified as uses by the identified sectors are assigned as uses to the residual sector and similarly, all uses of the specified sectors that cannot be identified as resources of the identified sectors are assigned to the residual sector as resources.

### **3.1.5 The Rest of the World**

This sector covers Pakistan's transactions with the rest of the world. The balance of payments and the foreign exchange budget involve policies designed to control the balance of payments deficit. The projected estimates of exports, imports and invisible put together will produce a planned current account deficit, which would need to be financed. A flow of funds exercise could extend the usual balance of payments analysis to articulate the external borrowing requirements for the domestic sectors.

## **3.2 Classification of transactions**

Balance sheet reflects the financial liabilities that the sector has incurred to mobilize financial resources and the financial assets that the sector has acquired. Thus it represents two-dimensional view of a sector's financial instruments, i.e., whether the sector is a creditor or debtor. Resources and uses of funds arise from changes in liabilities and assets. The various items of liabilities and assets have been classified into the following non-financial / financial transactions:

### **3.2.1 Monetary Gold and SDR**

The gold held by the State Bank of Pakistan as a financial asset and as a

component of foreign reserves. Other gold including non-reserve gold held by SBP has been classified as a commodity. SDRs are international reserve assets kept by IMF and allocated to member country to supplement its existing reserve assets. SDR holdings confer unconditional rights to obtain foreign exchange or other reserve assets from other IMF members. The figures of monetary gold and SDRs have been taken from the annual report of SBP.

### **3.2.2 National Currency**

Notes and coins of fixed nominal values accepted as legal tender in an economy, issued by the central bank and / or government. Notes are promissory notes (or bank notes) issued by State Bank of Pakistan in various denominations, with the promise to pay the said denomination (face value) in Pakistani rupee when called for payment. These are issued with the guarantee of the government of Pakistan. Coins are the currency coins issued by the Islamic Republic of Pakistan with various denominations of currency units (Rupee). These also include subsidiary coins (decimal coins) issued by the federal government in sub-denomination of a rupee (paisa 50 / 25). This category should also include currency that is no longer legal tender, but that can be exchanged immediately for current legal tender. The commemorative coins have been excluded and counted as valuables under non-financial assets while analyzing the balance sheets of various sectors of the economy.

### **3.2.3 Foreign currency (notes and coins)**

All foreign currency notes and coins are liability of the foreign governments or non-resident issuing authorities / central banks. These are claims of the economy upon non-residents. While analyzing the balance sheets of various sectors of the economy the valuation changes were estimated by applying \$ rate of reference date on the opening / closing balances and average \$ rate on the transactions and item valuation adjustment on liability side has been used to set off its effect.

### **3.2.4 Transferable deposits**

All demand deposits in national or in foreign currency, i.e., exchangeable on demand at par without penalty or restriction, freely transferable by cheque or otherwise, commonly used to make payments, are known as transferable

deposits. These deposits include special savings accounts with a possibility of direct payments to third parties, savings accounts balances subject to automatic transfer to regular transferable deposits, and money-market fund that have unrestricted third-party transferability privileges.

Transferable deposits that are held in banks in the process of liquidation have been excluded and classified as restricted deposits because these cannot immediately used for direct third-party payments. Deposits denominated in national currency have been taken at book value (outstanding amount plus accrued interest). This category includes transferable deposits with SBP, deposit money institutions, or with non-residents. The valuation changes in case of foreign currency deposits have been calculated by applying two ends foreign currency rates and average foreign currency rate of whole year.

### **3.2.5 Other deposits**

These represent all claims and obligations other than transferable deposits in national currency or in foreign currency that are represented by evidence of deposits. Other deposits include:

- Sight deposits (which permit immediate cash withdrawals but not direct third-party transfers).
- Non-transferable savings deposits and term deposits;
- Financial corporations' liabilities in the form of shares or similar evidence of deposits that are legally or in practice, redeemable immediately or at relatively short notice.
- Shares of money-market funds that have restrictions on third-party transferability;
- Call money deposits
- Margin payments related to options or futures contracts are very short-term repurchase agreements.

The deposits for which withdrawals are restricted on the basis of legal, regulatory, or commercial requirements are called restricted deposits. Restricted deposits include compulsory savings deposits like import deposits, and similar types of deposits related to international trade, security deposits, margin deposits, sundry deposits, and deposits in financial corporations that are closed pending liquidation or reorganization.

The valuation changes in case of foreign currency deposits have been calculated by applying two ends foreign currency rates and average foreign currency rate of whole year.

### **3.2.6 Securities other than shares**

Financial assets that are normally traded in the financial markets and give the holders unconditional right to receive stated fixed sums on a specified dates or unconditional right to fixed money incomes or contractually determined variable money incomes. These securities have been classified as short-term and long-term securities other than shares. These include Government treasury bills, Federal government bonds, Federal investment bonds, Commodity bonds, Pakistan investment bonds, Corporate bonds and Debentures, Negotiable certificates of deposits (non negotiable have been categorized under deposits), Commercial paper, TFCs, PTCs, Modaraba certificates, and negotiable securities backed by loans or other assets.

Preferred stock or shares that pay a fixed income but do not provide for participation in the distribution of residual value of an incorporated enterprise on dissolution have also been included in this category.

### **2.7 Loans**

Loans are financial or other assets by a lender to a borrower in return for an obligation to repay on a specified date or dates, or on demand, usually with mark-up or interest. The value of a domestic currency loan is the amount of the creditor's outstanding claim (equal to the debtor's obligation), which comprises the outstanding principal amount plus any accrued interest (i.e., interest earned but not yet due for payment). Such valuation is referred to as the book value of a loan. The loan valuation has not been adjusted for expected losses. The value of a loan portfolio is adjusted downward only when

1. Loans are actually written off as un-collectible or
2. When the outstanding amount of the loan has been reduced through formal debt rescheduling. Financial liabilities of corporations are created when creditors (financial institutions) directly lend funds to them. They include repurchase arrangements not included in national broad money definitions (Repo), money at call, export refinance from SBP, borrowing under LMM / LMFR from SBP,

borrowings from financial institutions abroad, financial leases, subordinated Loans. Borrowings have further been classified by short-term and long-term.

### **3.2.8 Shares and other equity**

All instruments and records acknowledging claims to the residual value of companies / corporations, after the claims of all creditors have been met are categorized as shares and other equity. Stock or share most commonly refers to a share of ownership in a company including the right to a fraction of the assets of the company, a fraction of the decision-making power, and potentially a fraction of the profits, which the company may issue as dividends. There are several types of shares, including common stock, preferred stock, treasury stock, and dual class shares. Preferred shares have priority over common shares in the distribution of dividends and assets. A dual class equity structure has several classes of shares (for example class A, class B, and class C) each with its own advantages and disadvantages. Treasury stocks are shares bought back from the public.

Preferred stocks or shares have also been included in this category. Investment in mutual funds and NIT units has also been put under this category, for the reason that it gives rise to the equity of issuing institution.

Financial transactions by non-residents related to immovable assets and unincorporated enterprises are included under shares and other equity.

Reinvested / retained earnings of non-resident corporations are also recorded in this category.

The valuation related to investment in shares of listed companies (asset side) compiled by applying market reference date price on opening / closing stocks, so valuation and transaction changes were segregated. The market value of shares on liability side has not been applied because the issuer is not liable to pay.

### **3.2.9 Insurance Technical Reserves**

These are current claims of policyholders and beneficiaries rather than net equity of insurance corporations. Generally these are classified as under:

- Prepayments of premiums, and

- Reserves against outstanding claims with insurance companies.

The data on insurance technical reserves is not clearly available in the printed accounts of companies. Therefore, figures shown by the insurance companies have been taken into account.

### **3.2.10 Other Accounts Receivable / Payable**

Other accounts receivable are assets consisting of trade credit and advances, dividends receivable, settlement accounts, items in the process of collection, accrued income, head office / inter-branch adjustment, expenditure account, suspense items and miscellaneous asset items, etc. Other accounts payable consist of provision for loan losses, provision for other losses, accumulated depreciation, adjustment for head office / branch, dividends payable, settlement accounts, suspense accounts, deferred tax liabilities, accrued wages, rent, social contributions, accrued taxes, mark-up / return / interest payable, mark-up on NPL & investment, income account, miscellaneous liability items.

### **3.2.11 Non-Financial Assets**

Entities that give its owners economic benefits by holding them or using them over a period of time are called non-financial assets. Non-Financial assets consist of tangible assets, both produced and non-produced, and intangible assets for which no corresponding liabilities are recorded.

#### **Produced Assets**

Produced assets comprise non-financial assets acquired as outputs from production processes. They are:

- i. **Fixed assets**-assets that are used repeatedly, or continuously, in production processes for more than one year and that may be tangible (dwellings, other buildings and structures, machinery and equipment, and cultivated assets, such as livestock for breeding and plantations) or intangible (mineral exploration, computer software, and entertainment, literary, or artistic originals).
- ii. **Inventories** (materials and supplies, work-in-progress, finished goods, and goods for resale) and
- iii. **Valuables** (assets that are acquired and held primarily as stores of

value).

### **Non-produced assets**

These are both tangible and intangible assets acquired through other than processes of production. Tangible non-produced assets include land, subsoil assets, water resources, etc. Intangible non-produced assets include patents, leases, and purchased goodwill.

### **3.2.12 Valuation adjustment**

Valuation adjustment represents the net opposite of all changes (Surplus / deficit on revaluation) in the values of assets and liabilities on the balance sheets of a corporation except for valuation changes recorded in the profit and loss accounts. The valuation adjustment is market valued by definition.

## 4. Detailed Flow of Funds Accounts

Flow of funds accounts exist in various forms. These differ according to the analytical needs complexity, and details of the accounting presentation and data requirements. The simplest flow of funds accounts identifies importance of financial transactions among sectors at an aggregated level. The most complex flow of funds accounts consist of a three-dimensional matrix that relates the creditor sector, the debtor sector, and the financial asset used in the transaction. The country's approach to flow of funds accounts depends on its current state of statistical development and analytical needs. Flow of funds accounts which follow the form of the SNA-93 financial account can be completely integrated with capital account transactions and with sectoral and national balance sheets. The flow of funds accounts summary matrix is an inter-locking set of resources and uses of funds, entries pertaining to various institutional sectors of the economy and transaction categories.

The linkage of creditor and debtor by type of financial asset indicates which sectors are providing financing for other sectors and which type of asset is used in the financing. As to the layout of the accounts, the columns relate to institutional sectors, each column has a pair of sub-columns for recording flow of liabilities and assets. Rows relate to transaction categories and at the end of each column is the magnitude of the financial surplus / deficit and the corresponding net lending / borrowing by each sector. The detailed flow of funds accounts of Pakistan for FY05 consists of 10 sectors / sub-sectors of the economy. It shows financial liabilities & assets and financial instruments used in the transactions.

The flow of funds accounts summary matrix for FY 05 reveals that the deposit money institutions raised funds through deposits of Rs.426 billion during the year. Major contributor was the other resident sector having share of 45 %, while the 2<sup>nd</sup> largest contributor was private corporate sector having share of 31 %. The deposit money institutions mobilized these resources by providing credit to other sectors of economy to the extent of Rs.471 billion in FY 05. The major borrower was non-financial private corporate sector having Rs.299 billion in FY05 which is 63 % of the total loans extended by the deposit money institutions. The other largest borrower of deposit money institutions in FY 05 was other resident sector including household and NPISHs amounting to Rs.124 billion (26 percent) .The deposit money institutions disinvested an amount of Rs. 72 billion from short term government securities. The deposit money institution sector was net lender of Rs.10 billion to various sectors of economy in FY05.

The private non-financial corporate sector created resources amounting to Rs.100 billion through foreign investment by shares & equity. This sector acquired total loan amounting to Rs.218 billion from all the sectors including non-resident in FY 05. This sector remained net borrower to the tune of Rs.233 billion in FY 05.

The Federal Government including federal NPIS incurred liabilities amounting to Rs.251 billion in FY 05 including issuance of securities net amounting to Rs.152 billion, It also created loan of Rs.76 billion, mainly from nonresident sector and became a net borrower of Rs.153 billion.

The other most important sector of economy was the other resident sector including household and NPISHs during FY05. The funds amounting to Rs.221 billion flowed from this sector in the form of deposits mainly towards deposit money institutions. This sector also invested Rs.23 billion in the equity of financial and non financial corporate sectors, during FY 05, the sectoral flow of funds remained surplus and provided 195 billion in FY 05 to other sectors of economy being net lender.

There is an inverse relationship between domestic and Rest of the World sector. There was an outflow in the deposits amounting to Rs.17 billion in FY 05 in shape of foreign currency deposit mainly with the central bank. Private non-financial sector decreased its long term loan liability amounting to Rs.20 billion and central government incurred long term loan liability amounting to Rs.46 billion towards Rest of the World sector in FY 05. There was an inflow of Rs. 100 billion in FY 05 in shape of investment in shares & equity of non financial private corporate sector from Rest of the World sector. This sector showed a surplus of Rs. 92 billion in FY 05 and it was net lender to the domestic economy. This detailed flow of funds matrix reflect that in FY05, the domestic sectors namely deposit money institutions, other financial corporations, insurance companies, the central bank, provincial government and other resident sector remained surplus/net lenders and funds flew towards deficit/net borrowers domestic sectors of economy namely including private and public non- financial corporations, Federal Government including federal NPIS and other deposit accepting institutions. While in FY 05 overall domestic economy remained in deficit /net borrower and funds flowed from Rest of the Word sector that remained surplus/net lender to domestic economy of Pakistan, leaving a statistical discrepancy of Rs.84 billion.

## 5. Financial Accounts

Financial account shows financial transactions among institutional units and between domestic units and the rest of the world. Financial transactions cover all transactions involving change of ownership of financial assets, including the creation and liquidation of financial claims. Net lending/borrowing equals net acquisition of financial assets less net incurrence of liabilities.

**Financial Assets**-Entities over which ownership rights are enforced by institutional units and from which economic benefits may be derived in the form of holding gains or property income.

**Financial Liabilities** are the financial obligations of institutional units juxtaposed to financial assets of other units. Although financial account shows the net financial assets acquired and the net liabilities incurred by type of financial asset and by sector, the account does not link specific assets to specific liabilities. Net lending/borrowing is carried forward to the financial account as a resource. Within this framework, net incurrence of financial liabilities is treated as a source of funds, and the total of net lending/borrowing and net incurrence of liabilities can be used for net acquisition of financial assets as a use of funds.

The financial accounts of Pakistan 2004-05 shows main sectors & sub sectors, main financial assets and liabilities including ,monetary gold & SDRs, currency & deposits, securities other than shares, loans, share & equity, insurance technical reserves and accounts receivable/payables. The balancing entry on top of the accounts shows net lending/net borrowing i.e. change in assets acquired less change in liabilities incurred, because incurrence of liabilities reflects sources of funds while acquisition of assets shows uses of funds. The accounts recorded acquisition of assets in the first part of accounts and changes in liabilities in the second part of the accounts, showing incurrence of liabilities to the sectors.

Deposit money institutions sector was surplus and net lender of Rs.10 billion as it incurred net liability of Rs.725 billion mainly through deposits of Rs.426 billion and acquired net financial assets of Rs.735 billion mainly through loan asset of Rs.471 billion.

The central bank incurred net financial liability of Rs. 211 billion and acquired net financial assets of Rs.201 billion and have surplus of Rs.11 billion for lending to deficit sectors of the economy.

The non financial private sector showed deficit/net borrowing of Rs.233 billion by incurrence of net financial liability of Rs.441 billion through loan & advances from deposit money institutions.

In FY05 federal government remained in deficit and the second largest net borrower of Rs.153 billion in the economy and incurred net liability of Rs.251 billion mainly by issuing short term securities (Treasury bills) net of Rs.240 billion and acquired net financial assets of Rs.98 billion.

The other resident sector including household & NPISH remained surplus and provided Rs.195 billion to the domestic economy. This is the residual sector and having cross sector data including leftover. It maintained deposits of Rs.221 billion and acquired loan & advances of Rs.138 billion.

Rest of the World sector showed surplus/ net lender to the domestic economy by Rs.92 billion as it incurred a net liability of Rs.47 billion including deposits of Rs.-67 billion of SBP. This sector acquired net assets of Rs.139 billion mainly through acquisition of shares & equity of Rs.100 billion in the domestic economy.

## 6. Capital Account

This account records acquisitions and disposals of non-financial assets resulting from transactions with other units or internal book keeping transactions linked to production (own account capital formation, changes in inventories, and consumption of fixed capital), and measures the changes in net worth as a result of saving and capital transfers received from abroad. The balancing item is net lending or net borrowing, depending on whether saving *plus* capital transfers is *less* than the net acquisition of non-financial assets.

### 6.1 Savings

In the major capital account components, *saving* is the final balancing item of the current accounts—the part of disposable income that is not spent on final consumption of goods and services and therefore is available for acquisition of non-financial or financial assets or repayment of liabilities. Saving is presented on both gross and net basis. The difference between gross and net saving is consumption of fixed capital.

### 6.2 Current External Balance

*Current external balance* represents the balance with the rest of the world on exports and imports of goods and services, net primary income from abroad, and net current transfers from abroad. The current external balance is an integral part of an economy's saving and is equal in magnitude, but opposite in sign, to the domestic economy's net lending/net borrowing, and thus equal to the difference between an economy's saving *plus* net capital transfers and capital formation. It is also equal in magnitude, but opposite in sign, to the current account balance of the BOP.

### 6.3 Capital Transfers

*Capital transfers receivable/payable* are unrequited transactions, which may be in kind or in cash. Capital transfers in kind arise when ownership of an asset other than inventories and cash is transferred from one unit to another or liabilities are canceled by a creditor (debt forgiveness). A transfer in cash is capital when it is linked to, or conditional on the acquisition or disposal of an asset (other than inventories or cash) by one or both parties to the transaction. Both capital transfer receivables and payables are recorded on the right side of the account because they directly affect net

worth. A capital transfer receivable increases net worth, while a capital transfer payable reduces net worth.

#### **6.4 Gross Fixed Capital Formation**

*Gross fixed capital formation* includes acquisitions *less* disposals of new and existing fixed assets. Fixed assets are tangible and intangible assets created as outputs of production processes that are themselves used repeatedly in production for a period of more than a year. Consumption of fixed capital during the accounting period is shown as a separate item—consumption of fixed capital—rather than as disposal of an asset.

#### **6.5 Consumption of Fixed Capital Expenditure**

*Consumption of fixed capital* reflects the decline in the value of the stock of fixed assets used in production as a result of physical deterioration, normal obsolescence and normal accidental damage. It excludes the value of fixed assets destroyed by acts of war or exceptional events such as natural disasters. Gross fixed capital formation *less* consumption of fixed capital equals net fixed capital formation.

#### **6.6 Changes in Inventories & Valuables**

*Change in inventories* comprises the value of the inventories acquired by an enterprise *less* the value of the inventories disposed of during an accounting period. *Acquisitions less disposals of valuables* refers to net transactions in goods (artwork, antiques, numismatic coins of precious metal, etc.) that are held as stores of value over time or to realize holding gains.

#### **6.7 Changes in Non-produced Assets**

*Acquisitions less disposals of non-produced non-financial assets* refers to acquisitions *less* disposals of land, other non-produced tangible assets (e.g. subsoil assets), and intangible non-produced assets (e.g., patented entities, leases, and purchased goodwill).

*Net lending / net borrowing* is the balancing item of the capital account, calculated as net saving *plus* capital transfers receivable *less* capital transfers payable *less* acquisition *less* disposals of non-produced non-financial assets. The net resources available to an economy or sector from saving and net capital transfers that are not

used for capital accumulation are the amount of resources available for net acquisition of financial assets, that is, net lending.

## **6.8 Statistical Discrepancy**

The statistical discrepancy could be raised due to any of the following reasons:

- Statistical discrepancy for a sector indicates the extent to which net lending/ borrowing differs from the financial surplus/ deficit for that sector net financial investment is always equal in concept to net lending/borrowing.
- Discrepancy can arise in practice because of gaps in coverage or non-measurement of any of the items in the full sequence of accounts.
- Statistical discrepancy is mainly attributable to data deficiencies in terms of reporting, coverage, classification, timing, valuation, etc.
- The blowing up of various assets/ liabilities items on the basis of paid-up capital/ sanctions by the Securities & Exchange Commission of Pakistan may be responsible for various discrepancies.
- The flow of funds accounts have been drawn on June 30. To match the resources and uses it is necessary that all the data should relate to this date which is not the case. Sectors as well as constituent units of the sector may not follow uniform accounting periods. Joint stock companies adopt different accounting periods and deposit money institutions, insurance companies and non-bank financial institutions mostly publish their accounts on calendar year basis.

## **6.9 Capital Account of Pakistan 2004-05**

The data compilation of non financial savings, investment (Capital accounts) is the portfolio of the government of Pakistan, while the compilation of financial accounts is the responsibility of State Bank Pakistan (SBP).

The full set of flow of funds accounts comprise on financial accounts, capital accounts and integration of the both. There is data constraint in the construction of capital accounts of Pakistan, as savings and investment data supplied by Planning Commission of Pakistan and Federal Bureau of Statistics respectively are not fully harmonized with transaction and sectorization of SNA 93, while FOF financial accounts compiled by SBP are completely harmonized.

This data gap has been filled by compiling the savings of insurance, deposit money institutions, other depository corporations, financial corporations, central bank, non-financial public and private corporations, which comprise on sum of their retained earnings and general & special reserves. The investment is based on corporate balance sheet data, the figure related to total savings & investment for the whole economy and related to general government is the same as reported by these government agencies, while our compiled saving and investment data for the financial and non-financial corporate has been adjusted in the household sector. The savings related to Rest of the World sector is estimated as current account balance of BOP but with opposite sign. The Capital Account of Pakistan 2004-05 shows gross savings related to all sectors of the domestic economy and Rest of the World.

The saving of Rs. 599 billion related to other resident sector including household & NPISHs, while the savings related to Rest of the World sector are estimated as current account balance Rs. (92) billion, opposite in sign, as compiled in BOP.

The General Government sector is comprising both federal , provincial governments and NPIs, showing a composite positive saving of Rs.106 billion and gross capital formation of Rs.153 billion, with net deficit of Rs.47 billion, leaving composite statistical discrepancy of Rs.-93 billion while comparing to financial borrowing. The resources gap was largely met through net issue of Treasury bills of Rs.205 billion and increased in loans and advances amounting to Rs.27 billion from rest of the world sector. Apart from meeting expenditure on its gross capital formation, the federal government provided Rs.17 billion to non-financial public sector enterprises as loan & advances.

The non-financial private corporate sector recorded savings of Rs. 257 billion while the gross capital formation amounted to Rs.490 billion resulting in a deficit of Rs. 233 billion which is its resource gap met through incurrence of loan & advances amounting to Rs.299 billion from deposit money institutions during the year. The other resident sector shows a deficit/borrowing of Rs.186 billion and recorded a statistical discrepancy of Rs.9 billion.

The estimates of provision for fixed capital consumption, gross fixed capital formation and change in stocks for economy as a whole have been adopted from the 'National Accounts of Pakistan' compiled by the Federal Bureau of Statistics. They do not, however, show the statistical discrepancy in the national accounts estimates. The figures of gross capital formation in respect to non-corporate and households sector (other resident sector) have been taken as the residual on the basis of the national accounts estimates for the economy.

The sectors of domestic economy including insurance, institution, deposit money institutions, other financial corporations, central bank and other resident sector of the domestic economy remained (surplus) net lender while other deposit accepting, non-financial public, private corporations and general government sectors remained (deficit) net borrower within the domestic economy.

The economy remained in deficit of Rs.91 billion in FY05, which is met through inflow (Borrowing) of Rs.91 billion from rest of the world sector.

## 7. Sectoral Positions in the Flow of Funds Accounts

The sectoral levels / outstanding financial assets and liabilities positions have been compiled on the basis of closing balances of different instruments for each sector as on 30<sup>th</sup> June, 2005.

The deposit money institutions reflects Rs.1,811 billion as loans outstanding at the end of FY 05 which is 48 % of their total assets, comprising 67 % and 33 % of short and long term loans respectively, while they incurred liability of Rs.2,450 billion on account of deposits, which is 65 % of its total assets as on 30<sup>th</sup> June,2005.

The position of State Bank of Pakistan reflects an outstanding balance of Rs.329 billion invested in government's Treasury Bills, which is 24% of its total assets. The major outstanding liability of SBP is Rs.706 billion on account of notes in circulation which is 51% of its total liabilities as on 30<sup>th</sup> June, 2005.

The outstanding level of total assets of non-financial private corporate sector is Rs.5,111 billion comprises of 838 billion currency and deposits, mainly held with deposit money institutions, which is 16% of its total assets and Rs 3473 billion or 68 % of total assets comprises of non-financial capital formation. The main liability of the sector comprise of loans of Rs.1625 billion or 32% of its total liabilities and mainly taken from deposit money institutions.

The federal government including federal NPIs is having deposits of Rs.256 billion, mainly with deposit money institutions, which is 37% of its total assets in coverage. An amount of Rs.210 billion or 31 % of its total assets in coverage is outstanding on account of loan extended to public sector enterprises. The liability side reflects an outstanding amount of Rs.200 billion on account of employees' retirement benefits and an amount of Rs.2, 094 billion on account of outstanding securities issued.

The other resident sector including household & NPISH have cross sector's data. The assets of this sector reflect outstanding balance under currency & deposits of Rs.2,101billion or 60% of its total assets in coverage comprises on 21% on cash and 79% deposits mainly with deposit money institutions. It also has outstanding balance of Rs.994 billion or 28% investment in government securities. The major liability of

this sector comprises of account of outstanding loan balance of Rs.337 billion as on 30<sup>th</sup> June, 2005, mainly taken from deposit money institutions.

Level flow discrepancy may arise by subtracting two closing balances and the difference is not equal to the transactional flow because the difference of two levels involves valuation changes and other changes in volume.

## Annexure -I

### Deposit Money Institutions

<b>Sr. No.</b>	<b>Name</b>
1	Allied Bank of Pakistan Ltd.
2	ABN AMRO Bank
3	Al-Baraka Islamic Bank
4	American Express Bank Ltd.
5	Askari Commercial Bank Ltd.
6	Bank Alfalah Ltd.
7	Bank Al-Habib Limited
8	Citi Bank N.A
9	Crescent Commercial Bank Limited
10	Dawood Bank Ltd.
11	Deutsche Bank Limited
12	Faysal Bank Limited
13	First Women Bank Limited
14	Habib Bank A.G. Zurich
15	Habib Bank Limited
16	Industrial Development Bank of Pakistan(IDBP)
17	KASB Bank Ltd.
18	MCB Bank Limited
19	Meezan Bank Ltd
20	Metropolitan Bank Limited
21	MyBank Limited
22	National Bank of Pakistan
23	NIB Limited
24	Oman International Bank S.A.O.G.
25	PICIC Commercial Bank Limited
26	Prime Commercial Bank Limited
27	Punjab Provincial Co-op. Bank
28	Rupali Bank Limited
29	SAUDI PAK Commercial Bank Ltd.
30	SME Bank Ltd.
31	Soneri Bank Limited
32	Standard Chartered Bank
33	The Bank of Khyber
34	The Bank of Punjab
35	The Bank of Tokyo-Mitsubishi,Ltd.
36	The HongKong & Shanghai Banking corp.
37	Union Bank Limited
38	United Bank Limited
39	Zarai Taraqati Bank Ltd (ZTBL)

## Annexure -II

### **Other Deposit Accepting Institutions**

#### **Sr. No Name**

- 1 Al-Zamin Leasing Modaraba
- 2 Asian Housing Finance Ltd.
- 3 Askari Leasing Company Ltd.
- 4 Asset Investment Bank Ltd.
- 5 Balochistan Provincial Co-operative Bank 6 Capital Assets Leasing Corp.Ltd.
- 7 Crescent Leasing Corporation Ltd.
- 8 Escorts Investment Bank Ltd.
- 9 First Credit and Investment Bank Ltd.
- 10 First Dawood Investment Bank
- 11 First International Investment Bank Ltd.
- 12 Grays Leasing Ltd.
- 13 Karakoram Cooperative Bank Ltd.
- 14 National Assets Leasing Corp.Ltd.
- 15 Natover Motor Lease Ltd.
- 16 Network Leasing Corporation Ltd.
- 17 Orix Investment Bank Pakistan Ltd.
- 18 Orix Leasing Pakistan Ltd.
- 19 Pak Gulf Leasing Company Ltd.
- 20 Pakistan Industrial & Commercial Leasing 21 Saudi Pak Leasing Co. Ltd.
- 22 Security Investment Bank Ltd.
- 23 Security Leasing Corporation Ltd. 24 Sigma Leasing Corporation Ltd. 25  
Standard Chartered Modaraba
- 26 Trust Investment Bank Ltd.
- 27 Union Leasing Ltd.

## Annexure -III

### Financial Intermediaries

<b>Sr. No</b>	<b>Name</b>
---------------	-------------

- |    |                                       |
|----|---------------------------------------|
| 1  | Afalah GHP Income Multiplier Fund     |
| 2  | AKD Income Fund                       |
| 3  | AKD Index Tracker Funds               |
| 4  | AKD Investment Management Ltd.        |
| 5  | AKD Opportunity Funds                 |
| 6  | Al Falah GHP Value Fund               |
| 7  | Al Meezan Investment Management Ltd.  |
| 8  | Alflah GHP Investment Management Ltd. |
| 9  | Alliance Investment Management Ltd.   |
| 10 | Al-Meezan Mutual Fund Ltd.            |
| 11 | Alnoor Modaraba                       |
| 12 | AMZ Asset Management Ltd.             |
| 13 | AMZ Plus Income Fund                  |
| 14 | AMZ Plus Stock Fund                   |
| 15 | Arif Habib Investment Management Ltd. |
| 16 | Atlas Assets Management Ltd.          |
| 17 | Atlas Fund of Funds                   |
| 18 | Atlas Income Fund                     |
| 19 | Atlas Islmic Fund                     |
| 20 | Atlas Stock Market Fund,              |
| 21 | B.F.Modaraba                          |
| 22 | BMA Assets Management Company Ltd.    |
| 23 | BRR International Modaraba            |
| 24 | BSJS Balanced Fund                    |
| 25 | Crosby Asset Management Ltd.          |
| 26 | Crosby Dragon Fund                    |
| 27 | Dawood Capital Management Ltd.        |
| 28 | Dawood Money Market Fund              |
| 29 | Equity Participation Fund             |
| 30 | Fayasal Saving Growth Fund            |

- 31 Faysal Asset Management Ltd.
- 32 Faysal Balanced Growth Fund
- 33 Faysal Income & Growth Fund
- 34 First Constellation Modaraba
- 35 First Dawood Mutual Fund
- 36 First Elite Capital Modaraba
- 37 First Fidelity Leasing Modaraba
- 38 First Habib Bank Modaraba
- 39 First Habib Modaraba,
- 40 First I.B.L.Modaraba
- 41 First Imrooz Modaraba
- 42 First Mehran Modaraba
- 43 First National Bank Modaraba
- 44 First Pak Modaraba
- 45 First Paramount Modarba
- 46 First Prudential Modaraba
- 47 First Punjab Modaraba
- 48 First Tri-Star Modaraba
- 49 First Udl Modaraba
- 50 Golden Arrow Selected Stocks Funds Ltd.
- 51 HBL Asset Management Ltd
- 52 HBL Income Fund
- 53 House Building Finance Corporation
- 54 IGI Funds Ltd.
- 55 Intersecurities Management Ltd.
- 56 JS ABAMCO Ltd.
- 57 KASB Liquid Fund
- 58 KASB Stock Funds Ltd
- 59 Khushali Bank
- 60 MCB Asset Management Company Ltd.
- 61 MCB Dynamic Cash Fund
- 62 MCB Dynamic Stock Fund
- 63 Meezan Balance Fund,
- 64 Meezan Islamic Fund
- 65 Meezan Islamic Income Fund

- 66 Meezan Tahaffuz Pension Fund-Debt Sub Fund
- 67 Meezan Tahaffuz Pension Fund-Equity
- 68 Meezan Tahaffuz Pension Fund-Money Market
- 69 MetroBank Pakistan Sovereign Fund
- 70 Modaraba Al-Mali
- 71 NAFA Cash Fund
- 72 NAFA Multi Fund
- 73 NAFA Stock Fund
- 74 National Investment Trust Ltd.
- 75 NBP Capital Ltd.
- 76 NIT Management Ltd
- 77 NIT Non-Loc Ltd.
- 78 Pakistan Capital Market Fund
- 79 Pakistan Income Fund
- 80 Pakistan International Element Islamic Fund
- 81 Pakistan Pension Fund- (Money Market)
- 82 Pakistan Pension Fund-Sub Debt
- 83 Pakistan Pension Fund-sub Equity
- 84 Pakistan Premier Fund Ltd.
- 85 Pakistan Stock Market Fund
- 86 Pakistan Strategic Allocation Fund
- 87 PICIC Asset Management Company Ltd.
- 88 PICIC Energy Fund
- 89 PICIC Growth Fund
- 90 PICIC Investment Fund
- 91 Prudential Discount & Guarantee House Ltd.
- 92 Reliance Income Fund
- 93 SME Leasing Ltd.
- 94 TMT Ventures Ltd.
- 95 Unicap Modaraba
- 96 Unit trust of Pakistan
- 97 United Composite Islamic Fund
- 98 United Growth and Income Fund
- 99 United Money Market Fund
- 100 United Stock Advantage Fund

- 101 United Stock Advantage Fund
- 102 Universal Leasing Corporation Ltd.
- 103 UTP Capital Protected Fund
- 104 UTP Income Fund
- 105 UTP Islamic Fund
- 106 UTP-A30+ Fund
- 107 UTP-Aggressive Assets Allocations Fund
- 108 UTP-Capital Protected Fund II
- 109 UTP-Fund of Funds
- 110 UTP-Growth Fund
- 111 UTP-Large Cap. Fund (Former ABAMCO Composite Fund)
- 112 WE Investment Management Ltd.

## Annexure -IV

### **Insurance companies**

#### **Sr. No Name**

- 1 National Insurance Corporation
- 2 Pakistan Reinsurance Company Ltd.
- 3 Postal Life Insurance
- 4 State Life Insurance Corporation Ltd.
- 5 Adamjee Insurance Company Ltd.
- 6 Agro General Insurance Company Ltd.
- 7 Allianz EFU Health Insurance Company Ltd.
- 8 Alpha Insurance Company Ltd.
- 9 Amercian Life Insurance Company Ltd.
- 10 Asia Insurance Company Ltd.
- 11 Asian Mutual Insurance Company Ltd.
- 12 Askari General Insurance Company Ltd.
- 13 Atlas Insurance Company Ltd.
- 14 Beema Insurance Company Ltd.
- 15 Business & Industrial Insurance Company Ltd.
- 16 Capital Insurance Company Ltd.
- 17 Central Insurance Company Ltd.
- 18 Century Insurance Company Ltd.
- 19 Continental Insurance Company Ltd
- 20 Co-operative Insurance Society of Pakistan Ltd.
- 21 Credit Insurance Company Ltd.
- 22 Crescent Star Insurance Company Ltd.
- 23 Dadabhoy Insurance Company Ltd.
- 24 E.F.U.General Insurance Company Ltd.
- 25 E.F.U.Life Insurance Company Ltd.
- 26 East West Insurance Company Ltd.
- 27 Excel Insurance Company Ltd.
- 28 First Takaful Insurance Company Ltd.
- 29 Habib Insurance Company Ltd.
- 30 International General Insurance Co. of Pakistan Ltd.
- 31 Metropolitan Life Assurance Company Ltd.

- 32 New Jubilee Life Insurance Company Ltd.
- 33 New Jubilee Insurance Comapny Ltd.
- 34 North Star Insurance Company Ltd.
- 35 Pak Equity Insurance Company Ltd.
- 36 Pak Kuwait Takaful Company Ltd
- 37 Pakistan General Insurance Company Ltd.
- 38 Pakitan Mutual Insurance Company Ltd.
- 39 PICIC Insurance Ltd.
- 40 Platinum Insurance Company Ltd.
- 41 Premier Insurance Company Ltd.
- 42 Progressive Insurance Company Ltd.
- 43 Reliance Insurance Company Ltd.
- 44 Saudi Pak Insurance Company Ltd
- 45 Seafield Insurance Co. Ltd.
- 46 Security General Insurance Company Ltd.
- 47 Shaheen Insurance Company Ltd.
- 48 Sliver Star Insurance Company Ltd.
- 49 Trakker Direct Insurance Company Ltd.
- 50 Union Insurance Company of Pakistan Ltd.
- 51 United Insurance Company of Pakistan Ltd.
- 52 Universal Insurance Company Ltd.
- 53 ACE Insurance Aid Pacific Ltd.
- 54 New Hampshire Insurance Company Ltd.

## Annexure -V

### **Public Sector Enterprises**

#### **Federal Government**

<b>Sr. No.</b>	<b>Name</b>
----------------	-------------

- |    |   |
|----|---|
| 1  | Associated Press of Pakistan Corporation                              |
| 2  | Capital Development Authority   |
| 3  | Civic Center Company Ltd.   |
| 4  | Civil Aviation Authority  |
| 5  | Corporate and Industrial Restructuring Corporation                    |
| 6  | Export Processing Zones Authority                                     |
| 7  | Frontier Works Organisation   |
| 8  | Ghee Corporation of Pakistan (Pvt) Ltd.(GCP)                          |
| 9  | GCP-A & B Industrial Geses Ltd.                                       |
| 10 | GCP- Morafco Industries Ltd.  |
| 11 | GCP- Pakistan Edible Oil Import Corporation (Pvt) Ltd.                |
| 12 | GCP- Universal Oil & Vegetable Ghee Mills Ltd.                        |
| 13 | Iran Pakistan Industries (Pvt) Ltd.                                   |
| 14 | Karachi Port Trust  |
| 15 | Karachi Shipyard & Engineering Works Ltd.                             |
| 16 | Korangi Fisheries Harbour Authority                                   |
| 17 | Lakhra Coal Development Company Ltd.                                  |
| 18 | National Book Fondation   |
| 19 | National Construction Ltd.  |
| 20 | National Engineering Services Pakistan (Pvt) Ltd.                     |
| 21 | National Fertilizer Corporation of Pakistan Ltd.(NFC)                 |
| 22 | NFC-Hazara Phosphate Fertilizers (Pvt) Ltd.                           |
| 23 | NFC-Lyallpur Chemical & Fertilizers Ltd.                              |
| 24 | NFC-National Fertilizer Marketing Ltd.                                |
| 25 | NFC-NFC Institute of Engineering & Fertilizer Research (Pvt) Ltd.     |
| 26 | NFC-NFC Institute of Engineering & Technnological Training (Pvt) Ltd. |
| 27 | NFC-Pak-American Fertilzer Ltd.                                       |
| 28 | NFC-Plastic Technology Center   |
| 29 | NFC-Synthetic Fiber Development and Application Center                |

- 30 National Film Development Corporation Ltd.
- 31 National Highway Authority
- 32 National Housing Authority
- 33 National Logistic Corporation (NLC)
- 34 National Police Foundation (NPF)
- 35 NPF-Float Glass Factory.
- 36 NPF-National Laboratories
- 37 National Telecommunication Corporation
- 38 Northern Areas Transport Corporation Ltd.
- 39 Oil & Gas Development Company Ltd.(OGDCL)
- 40 OGDCL-Pirkoh Gas Co. Ltd.
- 41 Overseas Employment Corporation Ltd.
- 42 Overseas Pakistani Foundation (OPF)
- 43 Pakistan Automobile Corporation Ltd.
- 44 PACO-Republic Motors (Pvt) Ltd.
- 45 PACO-Sind Engineering (Pvt) Ltd.Ltd.
- 46 Pak Arab Refinery Ltd.
- 47 Pakistan Agriculture Storage & Services Corporation Ltd.
- 48 Pakistan Broadcasting Corporation
- 49 Pakistan Environment Planning & Architectural Consultants Ltd.
- 50 Pakistan Housing Authority
- 51 Pakistan Industrial Development Corporation (Pvt) Ltd. (PIDC)
- 52 Pakistan International Airlines Corporation Ltd.(PIA)
- 53 PIA-Midway House (Pvt) Ltd.
- 54 PIA-Sky Rooms (Pvt) Ltd.
- 55 Pakistan Mineral Development Corporation Ltd. (PMDC)
- 56 Pakistan National Shipping Corporation (PNSC)
- 57 PNSC-Bolan Shipping (Private) Limited
- 58 PNSC-Chitral Shipping (Private) Limited
- 59 PNSC-Hyderabad Shipping (Private) Limited
- 60 PNSC-Islamabad Shipping (Private) Limited
- 61 PNSC-Johar Shipping (Private) Limited
- 62 PNSC-Kaghan Shipping (Private) Limited
- 63 PNSC-Karachi Shipping (Private) Limited
- 64 (Formerly National Tanker Company (Private) Limited)

- 65 PNSC-Khairpur Shipping (Private) Limited
- 66 PNSC-Lahore Shipping (Private) Limited
- 67 (Formerly Pak Nippon Car liner (Private) Limited)
- 68 PNSC-Lalazar Shipping (Private) Limited
- 69 PNSC-Makran Shipping (Private) Limited
- 70 PNSC-Malakand Shipping (Private) Limited
- 71 PNSC-Multan Shipping (Private) Limited
- 72 PNSC-Pakistan Co-operative Ship Stores (Private) Limited
- 73 PNSC-Quetta Shipping (Private) Limited
- 74 PNSC-Sargodha Shipping (Private) Limited
- 75 PNSC-Sibi Shipping (Private) Limited
- 76 PNSC-Swat Shipping (Private) Limited
- 77 Pakistan Oilseeds Development Board
- 78 Pakistan Petroleum Ltd.
- 79 Pakistan Post Office Department
- 80 Pakistan Railways (PR)
- 81 PR-Railway Constructions Pakistan Ltd.(Railcop)
- 82 PR-Pakistan Railway Advisory & Consulatancy Services Ltd.
- 83 Pakistan Security Printing Corporation (Pvt) Ltd.
- 84 Pakistan State Oil Company Ltd. (PSO)
- 85 Pakistan Steel Mills Corporation Ltd.(PSM)
- 86 PSM- Pakistan Steel Fabricating Compasny (Pvt) Ltd.
- 87 Pakistan Telecommunication Authority (PTA)
- 88 Pakistan Television Corporation Ltd.
- 89 Peoples Steel Mills Ltd.
- 90 Port Qasim Authority
- 91 Printing Corporation of Pakistan Ltd.
- 92 Pakistan Tourism Development Corporation Ltd.(PTDC)
- 93 PTDC-Associated Hotels of Pakistan Ltd.
- 94 PTDC-Pakistan Tours Ltd.
- 95 PTDC-PTDC Motels (Pvt.) Ltd
- 96 Saindak Metals Ltd.
- 97 State Cement Corporation of Pakistan (Pvt) Ltd.(SCCP)
- 98 SCCP-Mustehkam Cement Ltd.
- 99 Special Communication Organisation

- 100 State Engineering Corporation (Pvt) Ltd. (SEC)
- 101 SEC-ENAR Petrotech Services
- 102 SEC-Heavy Electrical Complex (Pvt) Ltd.
- 103 SEC-Heavy Mechanical Complex Ltd.
- 104 SEC-Pakistan Engineering Company Ltd.
- 105 SEC-Pakistan Machine Tool Factory (Pvt) Ltd.
- 106 SEC-Spinning Machinery Co. of Pakistan Ltd.
- 107 Security Papers Ltd.
- 108 Shalimar Recording & Broadcasting Company Ltd.
- 109 State Petroleum Refining & Petrochemical Corporation (Pvt) Ltd.
- 110 STEDEC Technology Commercialization Corporation of Pakistan (Pvt) Ltd.
- 111 Sui Northern Gas Pipelines Ltd.(SNGPL)
- 112 Sui Southern Gas Company Ltd.
- 113 Telephone Industries of Pakistan Ltd.
- 114 Trading Corporation of Pakistan Ltd.
- 115 Union International (Pvt) Ltd.
- 116 Utility Stores Corporation of Pakistan (Pvt) Ltd.
- 117 Wah Industries Ltd. (WIL)
- 118 WIL-Wah Nobel (Pvt) Ltd.
- 119 WIL-International Dyes and Chemicals (Pvt) Ltd.
- 120 WIL-Hi-Tech Plastic (Pvt) Ltd.
- 121 Water & Power Development Authority (WAPDA)
- 122 WAPDA-Co-ordination Wing
- 123 WAPDA-Water Wing
- 124 WAPDA-Central Power Generation Company Ltd.
- 125 WAPDA-Faisalabad Electric Supply Company Ltd.
- 126 WAPDA-Gujranwala Electric Power Company Ltd.
- 127 WAPDA-Hyderabad Electric Supply Company Ltd.
- 128 WAPDA-Islamabad Electric Supply Company Ltd.
- 129 WAPDA-Jamshoro Power Company Ltd.
- 130 WAPDA-Lakhra Power Generation Company Ltd.
- 131 WAPDA-Lahore Electric Supply Company Ltd.
- 132 WAPDA-Multan Electric Power Company Ltd.
- 133 WAPDA-National Transmission & Despatch Company
- 134 WAPDA-Northern Power Generation Company Ltd.

- 135 WAPDA-Peshawar Electric Supply Company Ltd.
- 136 WAPDA-Quetta Electric Supply Company Ltd.
- 137 WAPDA-Southern Generation Power Company Limited
- 138 WAPDA-Tribal Electric Supply Company Ltd.

## Provincial Government Enterprises

### **Azad Jammu Kashmir**

- 1 Azad Kashmir Logging & Saw Mills Corporation
- 2 Azad Kashmir Mineral & Industrial Development Corporation (AKMIDC)
- 3 Azad Kashmir Small Industries Corporation
- 4 Bagh Development Authority, Azad Kashmir
- 5 Mirpur Development Authority, Azad Kashmir
- 6 Muzaffarabad Development Authority, Azad Kashmir
- 7 Pearl Development Authority, Rawalakot, Azad Kashmir

## **NWFP**

- 1 Abbottabad Development Authority
- 2 Agricultural Development Authority, NWFP
- 3 Gulyat Development Authority
- 4 Hazara Development Authority
- 5 Hazara Hill Tracts Improvement Trust
- 6 Kohat Development Authority
- 7 Malakand Division Development Authority
- 8 Mardan Development Authority
- 9 N.W.F.P Forest Development Corporation
- 10 N.W.F.P Small Industries Development Board
- 11 Peshawar Development Authority
- 12 Sarhad Development Authority (SDA)
- 13 Sarhad Industrial Development Board
- 14 Sarhad Minerals (Pvt) Ltd.
- 15 Sarhad Tourism Corporation

## **Punjab**

- 1 Bawalapur Development Authority
- 2 Cholistan Development Authority
- 3 Dera Ghazi Khan Development Authority
- 4 Faisalabad Development Authority
- 5 Faisalabad Industrial Estate Development and Management Company
- 6 Government Weaving and Finishing Centre, Shahdara, Lahore
- 7 Government Wool Spinning and Weaving Centre, Jhang
- 8 Gujranwala Development Authority
- 9 Lahore Development Authority
- 10 Multan Development Authority
- 11 Muree Kahuta Hilly Areas Development Authority
- 12 Murree Development Authority
- 13 Provisional Transport Authority
- 14 Punjab Agri Marketing Company
- 15 Punjab Highways Authority, Lahore
- 16 Punjab Industrial Estate Development and Management Company
- 17 Punjab Mineral Development Corporation

- 18 Punjab Municipal Development Fund Company
- 19 Punjab Seed Corporation
- 20 Punjab Small Industries Corporation
- 21 Punjab Tourism Development Corporation Ltd.
- 22 Rawalpindi Development Authority
- 23 Sargodha Improvement Trust

## **Sindh**

- 1 Badin Development Authority
- 2 Coastal Development Authority
- 3 Hyderabad Development Authority
- 4 Karachi Fisheries Harbour Authority
- 5 Karachi Metropolitan Transport Authority
- 6 Karachi Transport Corporation
- 7 Larkana Development Authority
- 8 Lyari Development Authority
- 9 Malir Development Authority
- 10 Sehwan Development Authority, Sindh
- 11 Sindh Agricultural Supplies Organization
- 12 Sindh Coal Development Authority
- 13 Sindh Industrial and Mineral Development Corporation
- 14 Sindh Industrial Trading Estate Ltd. (S.I.T.E)
- 15 Sindh Road Transport Board
- 16 Sindh Seed Corporation
- 17 Sindh Small Industries Corporation
- 18 Sindh Sugar Corporation (SSC)
- 19 Sindh Tourism Development Corporation Ltd.
- 20 SSC-Dadu Sugar Mills Ltd.
- 21 SSC-Thatta Sugar Mills Ltd.

## **Balochistan**

- 1 Balochistan Coastal Development Authority
- 2 Balochistan Development Authority
- 3 Bolan Mining Enterprises
- 4 Director Small Industries, Balochistan
- 5 Gawawdar Development Authority
- 6 Lasbela Development Authority
- 7 Quetta Development Authority
- 8 Ziarat Valley Development Authority, Balochistan
- 9 Lasbela Industrial Estate Development Authority

## **Federal NPIs**

- 1 Academy of Educational Planning & Management,
- 2 Air University,
- 3 Allama Iqbal Open University,
- 4 Alternative Energy Development Board
- 5 Authority for the Preservation of Mohenjo Daro,
- 6 Ayub Agricultural Research Institute,
- 7 Bahria University
- 8 Civil Services Academy,
- 9 College of Physicians & Surgeons,
- 10 COMSATS Institute of Information Technology
- 11 Dawood College of Engineering & Technology,
- 12 Earthquake Reconstruction & Rehabilitation Authority (ERRA)
- 13 Inter Board Committee of Chairmen,
- 14 International Islamic University
- 15 Iqbal Academy Pakistan,
- 16 Islamabad Model College for Girls,
- 17 Islamic Research Institute,
- 18 Muqtadira Qaumi Zaban,
- 19 National Academy of Performing Arts
- 20 National Centre for Physics Quaid-e-Azam University
- 21 National College of Arts,
- 22 National Commission for Human Development
- 23 National Council for Homoeopathy,
- 24 National Council for Tib,
- 25 National Database and Registration Authority (NADRA)
- 26 National Disaster Management Authority (NDMA)
- 27 National Educational Equipment Centre,
- 28 National Electric Power Regulatory Authority (NEPRA)
- 29 National Engineering and Science Commission
- 30 National Institute for Handicapped

31 National Institute for Special Education,  
32 National Institute of Cardiovascular Diseases,  
33 National Institute of Electronics,  
34 National Institute of Folk & Traditional Heritage (Lok Versa)  
35 National Institute of Health,  
36 National Institute of Heart Diseases  
37 National Institute of Historical & Cultural Research,  
38 National Institute of Management, Karachi  
39 National Institute of Management ,Lahore  
40 National Institute of Management, Peshawar  
41 National Institute of Management, Quetta  
42 National Institute of Oceanography,  
43 National Institute of Pakistan Studies,  
44 National Institute of Psychology,  
45 National Institute of Science & Technical Education,  
46 National Institute of Vacuum Science & Technology  
47 National Language Authority  
48 National Police Academy,  
49 National Tea Research Institute (NTRI),  
50 National Textile University  
51 National University of Modern Languages  
52 National University of Sciences & Technology,  
53 National Vocational & Technical Education Commission (NAVTEC).  
54 Oil & Gas Regulatory Authority (OGRA)  
55 Pak-Austrian Institute for Tourism & Hotel Management (PAITHOM)  
56 Pakistan Academy of Letters,  
57 Pakistan Academy for Rural Development,  
58 Pakistan Academy of Sciences,  
59 Pakistan Administrative Staff College,  
60 Pakistan Agricultural Research Council,  
61 Pakistan Central Cotton Committee,  
62 Pakistan Council for Science & Technology,  
63 Pakistan Council of Renewable Energy Technologies,  
64 Pakistan Council of Research in Water Resources  
65 Pakistan Council of Scientific & Industrial Research,  
66 Pakistan Cricket Board  
67 Pakistan Electronic Media Regulatory Authority (PEMRA)  
68 Pakistan Horticulture Development & Export Board  
69 Pakistan Industrial & Technical Assistance Centre,  
70 Pakistan Institute of Archeological Training & Research,  
71 Pakistan Institute of Development Economics,  
72 Pakistan Institute of Engineering and Applied Sciences  
73 Pakistan Institute of Management,  
74 Pakistan Institute of Nuclear Science & Technology  
75 Pakistan Institute of Tourism & Hotel Management,  
76 Pakistan Medical & Dental Council,  
77 Pakistan Medical Research Council,  
78 Pakistan Museum of Natural History,

- 79 Pakistan National Accreditation Council
- 80 Pakistan National Council of the Arts,
- 81 Pakistan Nursing Council,
- 82 Pakistan School of Fashion Design,
- 83 Pakistan Science Foundation,
- 84 Pakistan Space & Upper Atmosphere Research Commission
- 85 Pakistan Sports Board,
- 86 Pakistan Standards and Quality Control Authority,
- 87 Pakistan Telecommunication Authority (PTA)
- 88 Pakistan Tobacco Board,
- 89 Pakistan Veterinary Medical Council
- 90 Pharmacy Council of Pakistan,
- 91 PIQC Institute of Quality
- 92 Poultry Research Institute,
- 93 Private Power and Infrastructure Board
- 94 Quaid-e-Azam Academy,
- 95 Quaid-e-Azam University,
- 96 Shariah Academy,
- 97 Sheikh Zayed (Federal) Postgraduate Medical Institute,
- 98 Sindh Madrissah-Tul-Islam,
- 99 Textile Industrial Research & Development Centre,
- 100 Trade Development Authority of Pakistan
- 101 University of Engineering & Technology
- 102 Urdu Science Board,
- 103 Virtual University of Pakistan

## **Provincial NPIs**

- 1 Agricultural Prices Commission,
- 2 Agricultural Research Institute,
- 3 Applied Economics Research Centre,
- 4 Area Study Centre (Central Asia),
- 5 Area Study Centre for Far East & South East Asia,
- 6 Area Study Centre for Africa, North & South America,
- 7 Area Study Centre for Europe,
- 8 Area Study Centre for Middle East & Arab Countries,
- 9 Area Study Centre for South Asian Studies,
- 10 Bahauddin Zakariya University,
- 11 Balochistan Education Foundation
- 12 Balochistan Text Book Board,
- 13 Balochistan Tourism Authority
- 14 Balochistan University of Engineering & Technology,
- 15 Balochistan University of IT & Management Sciences,
- 16 Board of Intermediate & Secondary Education, Quetta
- 17 Board of Intermediate & Secondary Education, Hyderabad
- 18 Board of Intermediate & Secondary Education, Bahawalpur
- 19 Board of Intermediate & Secondary Education, Lahore

20 Board of Intermediate & Secondary Education, Sargodha  
21 Board of Intermediate & Secondary Education, Abbottabad  
22 Board of Intermediate & Secondary Education, Peshawar  
23 Board of Intermediate & Secondary Education, Swat  
24 Board of Intermediate & Secondary Education, Rawalpindi  
25 Board of Intermediate Education, Gujranwala  
26 Board of Intermediate Education, Karachi  
27 Board of Secondary Education, Karachi  
28 Centre for Clinical Psychology,  
29 Centre of Excellence for Women's Studies  
30 Centre of Excellence in Marine Biology,  
31 Centre of Excellence in Mineralogy,  
32 Centre of Excellence in Solid State Physics, University of Punjab  
33 Centre of Excellence in Water Resources & Engineering,  
34 Dow University of Health Sciences  
35 Employees' Old Age Benefits Institution,  
36 Engineering Development Board  
37 Evacuee Trust Property Board,  
38 Fatima Jinnah Women University  
39 Federal Board of Intermediate & Secondary Education,  
40 Federal Employees' Benevolent Fund & Group Insurance,  
41 Federal Urdu University of Arts & Science and Technology  
42 Frontier Women University  
43 Global Change Impact Studies Centre,  
44 Gomal University,  
45 Government College University Lahore  
46 Hazara University-Mansehra,  
47 HEJ, Research Institute of Chemistry,  
48 Higher Education Commission,  
49 Himalayan Agricultural Research Institute (HARI),  
50 Indus River System Authority (IRSA)  
51 Institute of Business Administration,  
52 Institute of Chartered Accountants of Pakistan,  
53 Institute of Cost & Management Accountants of Pakistan,  
54 Institute of Management Sciences (IM Sciences)  
55 Institute of Space Technology  
56 Institute of Strategic Studies Islamabad  
57 Islamia University,  
58 Karachi Building Control Authority,  
59 Karakoram International University  
60 King Edward Medical University  
61 Kohat University of Science & Technology  
62 Lahore College for Women University,  
63 Lasbela University of Agriculture, Water & Marine Sciences  
64 Liaquat University of Medical & Health Sciences,  
65 Mehran University of Engineering & Technology,  
66 Monopoly Control Authority  
67 N.E.D.University of Engineering & Technology,

68 N.W.F.P Agricultural University  
69 N.W.F.P Employees' Social Security Institution,  
70 N.W.F.P Text Book Board,  
71 National Centre of Excellence in Analytical Chemistry,  
72 National Centre of Excellence in Geology,  
73 National Centre of Excellence in Molecular Biology,  
74 National Centre of Excellence in Physical Chemistry,  
75 National Museum of Science & Technology,  
76 Nuclear Institute for Food and Agriculture (NIFA)  
77 N.W.F.P Agricultural Development Authority  
78 N.W.F.P University of Engineering & Technology,  
79 Pakistan Standards Institution,  
80 Pakistan Study Centre, University of Baluchistan  
81 Pakistan Study Centre, University of Karachi  
82 Pakistan Study Centre, University of Peshawar  
83 Pakistan Study Centre, University of Punjab  
84 Pakistan Study Centre, University of Sindh  
85 Punjab Board of Technical Education,  
86 Punjab Council of the Arts,  
87 Punjab Economic Research Institute,  
88 Punjab Employees' Social Security Institution,  
89 Punjab Forestry Research Institute,  
90 Punjab Institute of Cardiology,  
91 Punjab Public Library,  
92 Punjab Technical Education and Vocational Training Authority  
93 Punjab Text Book Board,  
94 Quaid-e-Awam University of Engineering Science and Technology  
95 Rice Research Institute,  
96 Sardar Bahadur Khan Women University,  
97 Sarhad University of Science & Information Technology  
98 Shah Abdul Latif University,  
99 Sindh Agriculture University,  
100 Sindh Arid Zone Development Authority  
101 Sindh Board of Technical Education,  
102 Sindh Coal Authority  
103 Sindh Education Foundation  
104 Sindh Employees Social Security Institution,  
105 Sindh Horticultural Research Institute  
106 Sindh Institute of Urology and Transplantation (SIUT)  
107 Sindh Irrigation and Drainage Authority  
108 Sindh Katchi Abadis Authority  
109 Sindh Text Book Board,  
110 Sindh Workers Welfare Board  
111 Sindhi Language Authority,  
112 Small and Medium Enterprise Development Authority,  
113 Sugar cane Research Institute (SRI),  
114 Sukkur Institute of Business Administration  
115 Tropical Agricultural Research Institute, (TARC),

116	University of Agriculture,
117	University of Arid Agriculture
118	University of Balochistan,
119	University of Education
120	University of Gujrat
121	University of Health Sciences,
122	University of Karachi,
123	University of Malakand
124	University of Peshawar,
125	University of Sargodha
126	University of Science & Technology
127	University of Sindh,
128	University of the Punjab,
129	University of Veterinary and Animal Sciences,
130	Veterinary Research Institute,

## Annexure -VI

### Private Corporations

<b>Sr. No.</b>	<b>Name</b>
1	A K D Security Safe Deposit Co. Ltd.
2	Abbot Laboratories (Pakistan) Ltd.
3	Abson Paper Industries Ltd.
4	Accord Textile Mills Ltd.
5	Adam Sugar Mills Ltd.
6	Adil Polypropylene Products Ltd.
7	Adil Textile Mills Ltd.
8	Ados Pakistan Ltd.
9	Agriauto Industries Ltd.
10	Ahmed Hassan Textile Mills Ltd.
11	Ahmed Spining Mills Ltd.
12	Al Ghazi Tractors Ltd.
13	Al Jadeed Textile Mills Ltd.
14	Al-Abbas Cement Ltd.
15	Al-Abbas Sugar Mills Ltd.
16	Al-Abid Silk Mills Ltd.
17	Al-Asif Sugar Mills Ltd.
18	Al-Azhar Textile Mills Ltd.
19	Ali Asghar Textile Mills Ltd.
20	Alif Textile Mills Ltd.
21	Alkhair Gadoon Ltd.
22	Allawasaya Textile & Finishing Mills Ltd.
23	Allwin Engineering Ind. Ltd.
24	Al-Noor Sugar Mills Ltd.
25	Al-Qadir Textile Mills Ltd.
26	Al-Qaim Textile Mills Ltd.
27	Altern Energy Ltd.
28	Amazai Textile Mills Ltd.
29	Amin Fabrics Ltd.
30	Amin Spining Mills Ltd.

- 31 Annoor Textile Mills Ltd.
- 32 Ansari Sugar Mills Ltd.
- 33 Apex Fabrics Ltd.
- 34 Apollo Textile Mills Ltd.
- 35 Arpak International Ltd.
- 36 Artistic Denim Mills Ltd.
- 37 Aruj Garment Ltd.
- 38 Ashfaq Textile Mills Ltd.
- 39 Asim Textile Mills Ltd.
- 40 Associated Industries Ltd.
- 41 Atlas Battery Ltd.
- 42 Atlas Honda Ltd.
- 43 Attock Cement Ltd.
- 44 Attock Petroleum Ltd.
- 45 Attock Refinery Ltd.
- 46 Automotive Battery Co. Ltd.
- 47 Aventis Pharma (Pakistan) Ltd.
- 48 Awan Textile Mills Ltd.
- 49 Ayaz Textile Mills Ltd.
- 50 Ayesha Textile Mills Ltd.
- 51 Azam Textile Mills Ltd.
- 52 Azgard Nine Mills Ltd.
- 53 Azmat Textile Mills Ltd.
- 54 Baba Farid Sugar Mills Ltd.
- 55 Babri Cotton Mills Ltd.
- 56 Baig Spining Mills Ltd.
- 57 Baluchistan Glass Ltd.
- 58 Baluchistan Particle Board Ltd.
- 59 Baluchistan Wheels Ltd.
- 60 Bannu Woolen Mills Ltd.
- 61 Bata Pakistan Ltd.
- 62 Bawany Sugar Mills Ltd.
- 63 Bela Automotives Ltd.
- 64 Bela Engineering Ltd.
- 65 Berger Paints Pakistan Ltd.

- 66 Bestway Cement Ltd.
- 67 Bhanero Textile Mills Ltd.
- 68 Bhawalpur Textile Mills Ltd.
- 69 Bhawany Air Products Ltd.
- 70 Biafo Industries Ltd.
- 71 Bilal Fibres Ltd.
- 72 Blessed Textile Mills Ltd.
- 73 BOC Pak Ltd.
- 74 Bolan Casstings Ltd.
- 75 Bosicor Pakistan Ltd.
- 76 Brothers Textile Mills Ltd.
- 77 Buxly Paints Ltd.
- 78 Callmate Tellips Telecom Ltd.
- 79 Caravan East Fabrics Ltd.
- 80 Casspak Industries Ltd.
- 81 Central Forest Products Ltd.
- 82 Century Paper & Board Mills Ltd.
- 83 Chakwal Spining Mills Ltd.
- 84 Charsadda Sugar Mills Ltd.
- 85 Chashma Sugar Mills Ltd.
- 86 Chaudhry Textile Mills Ltd.
- 87 Chenab Ltd
- 88 Chenab Textile Mills Ltd.
- 89 Cherat Cement Co. Ltd.
- 90 Cherat Papersack Ltd.
- 91 Clariant Pakistan Ltdd.
- 92 Climax Engineering Co. Ltd.
- 93 Clover Foods Ltd.

- 94 Colgate Palmolive (Pakistan) Ltd.
- 95 (Colony) Sarhad Textile Mills Ltd.
- 96 Colony Textile Mills Ltd.
- 97 Colony Thal Textile Mills Ltd.
- 98 Colony Woolen Mills Ltd.
- 99 Crescent Fibres Mills Ltd.
- 100 Crescent Jute Products Ltd.
- 101 Crescent Spining Mills Ltd.
- 102 Crescent Steel & Allied Prod. Ltd.
- 103 Crescent Sugar Mills Ltd.
- 104 Crescent Textile Mills Ltd.
- 105 D.G.Khan Cement Company Ltd.
- 106 D.M.Textile Mills Ltd.
- 107 D.S.Industries ltd.
- 108 Dadabhoy Cement Industries Ltd.
- 109 Dadabhoy Construction Ltd.
- 110 Dadabhoy Sack Ltd
- 111 Dadex Eternit Ltd.
- 112 Dandot Cement Co. Ltd.
- 113 Dar-Es-Salam Textile Mills Ltd.
- 114 Data Agro Chemicals Ltd.
- 115 Data Textile Mills Ltd.
- 116 Dawood Fibre Mills Ltd.
- 117 Dawood Hercules Chemicals Ltd.
- 118 Dawood Lawrencepur Textile Mills Ltd.
- 119 Dewan Automotive Eng. Ltd.
- 120 Dewan Cement Co. Ltd.
- 121 Dewan Farooq Motors Ltd.
- 122 Dewan Farooque Spinning Mills Ltd.
- 123 Dewan Hattar Cement Co. Ltd.
- 124 Dewan Khalid Textile Mills Ltd.
- 125 Dewan Mushtaq Textile Mills Ltd.
- 126 Dewan Salman Fibre Ltd.
- 127 Dewan Sugar Mills Ltd.
- 128 Dewan Textile Mills Ltd.

- 129 Diamond Industries Ltd.
- 130 Din Textile Mills Ltd.
- 131 Dreamworld Ltd.
- 132 Dyno Pakistan Ltd.
- 133 Ecopack Ltd (Plasto Bag)
- 134 Elahi Cotton Mills Ltd.
- 135 Ellcot Spining Mills Ltd.
- 136 Emco Industries Ltd.
- 137 Engro Chemical Pakistan Ltd.
- 138 Exide Pakistan Ltd.
- 139 Extraction (Paksitan) Ltd.
- 140 Eye Television Network
- 141 Faisal Spinning Mills Ltd.
- 142 Faran Sugar Mills Ltd.
- 143 Fateh Industries Ltd.
- 144 Fateh Sports Wear Ltd.
- 145 Fateh Textile Mills Ltd.
- 146 Fatima Enterprises Ltd.
- 147 Fauji Cement Company Ltd.
- 148 Fauji Fert Bin Qasim Ltd.
- 149 Fauji Fertilizer Company Ltd.
- 150 Fawad Textile Mills Ltd.
- 151 Fazal Cloth Mills Ltd.
- 152 Fazal Textile Mills Ltd.
- 153 Fazal Vegetable Ghee Mills Ltd.
- 154 Fecto Cement Ltd.
- 155 Fecto Sugar Mills Ltd.
- 156 Ferozsons Laboratories Ltd.
- 157 Friend's Spining Mills Ltd.
- 158 Frontier Ceramics Ltd.
- 159 Frontier Sugar Mills & Distl. Ltd.
- 160 Gadoon Textile Mills Ltd.
- 161 Gammon Pakistan Ltd.
- 162 Gandharta Nissan Ltd
- 163 Gatron Industries Ltd.

- 164 General Tyre & Ruber Co.
- 165 Genertech Pakistan Ltd.
- 166 Ghandhara Industries Ltd.
- 167 Ghani Automobile Industries Ltd.
- 168 Ghani Glass Ltd.
- 169 Gharibwal Cement Ltd.
- 170 Ghazi Fabrics Ltd.
- 171 Ghulam Muhammad Dadabhoy Ltd.
- 172 Gillette Pakistan Ltd.
- 173 Glamour Textile Mills Ltd.
- 174 Glaxo Smithkline
- 175 Globle Textile Mills Ltd.
- 176 Gloge (OE) Textile Mills Ltd.
- 177 Gohar Engineering Ltd.
- 178 Good Luck Ltd.
- 179 Grays of Cambridge (Pak.) Ltd.
- 180 Gul Ahmed Textile Mills Ltd.
- 181 Gulistan Spininp Mills Ltd.
- 182 Gulistan Textile Mills Ltd.
- 183 Gulshan Spining Mills Ltd.
- 184 Habib Sugar Mills Ltd.
- 185 Habib-Adm Ltd.
- 186 Hafiz Textile Mills Ltd.
- 187 Haji Dossa Ltd.
- 188 Haji Mohd. Ismail Textile Mills Ltd.
- 189 Hajra Textile Mills Ltd.
- 190 Hakkim Textile Mills Ltd.
- 191 Hala Enterprises Ltd.
- 192 Hala Spining Mills Ltd.
- 193 Hamid Textile Mills Ltd.
- 194 Harnai Woolen Mills Ltd.
- 195 Haroon Oil Ltd.
- 196 Harum Textile Mills Ltd.
- 197 Haseeb Waqas Sugar Mills Ltd.
- 198 Hashmi Can Company Ltd.

- 199 Haydery Construction Co. Ltd.  
200 Highnoon Laboratories Ltd.  
201 Hinopak Motors Ltd.  
202 Honda Atlas Cars Ltd.  
203 Hub Power Company Ltd.  
204 Huffaz Seamless Pipe Ind. Ltd.  
205 Husein Sugar Mills Ltd.  
206 Hussain Industries Ltd.  
207 I.C.C.Textile Mills Ltd.  
208 Ibrahim Fibres Ltd.  
209 ICI Pakistan Ltd.  
210 Ideal Energy Ltd  
211 Ideal Spining Mills Ltd.  
212 Idrees Textile Mills Ltd.  
213 Indus Dyeing & Manu. Co. Ltd.  
214 Indus Fruit Products Ltd.  
215 Indus Motor Company Ltd.  
216 Indus Polyester Mills Ltd.  
217 Internatioinal Knitwear Ltd.  
218 International Industries Ltd.  
219 Ishaq Textile Mills Ltd.  
220 Ishtaq Textile Mills Ltd.  
221 Island Textile Mills Ltd.  
222 Ismail Industries Ltd.  
223 Itihad Chemicals Ltd.  
224 Ittefaq Textile Mills Ltd.  
225 Itti Textile Mills Ltd.  
226 J.A.Textile Mills Ltd.  
227 J.D.W.Sugar Mills Ltd.  
228 J.K. Spinning Mills Ltd.  
229 Janana De Malucho Textile Mills Ltd.  
230 Japan Power Generation Ltd.  
231 Javedan Cement Ltd.  
232 Johnson & Philips (Pakistan) Ltd.  
233 Jubilee Spin & Weaving Mills Ltd.

- 234 Junaid Cotton Mills Ltd.
- 235 Kaisar Arts & Crafts Ltd.
- 236 Kakakhel Industries Ltd.
- 237 Karachi Electric Supply Corp. Ltd.
- 238 Karam Ceramics Ltd.
- 239 Karim Cotton Mills Ltd.
- 240 Karim Silk Mills Ltd.
- 241 Kashmir Edible Oils Mills Ltd.
- 242 Kashmir Poly Textile Mills Ltd.
- 243 Kausar Paints Ltd.
- 244 Khairpur Sugar Mills Ltd.
- 245 Khalid Siraj Textile Mills Ltd.
- 246 Khushid Spining Mills Ltd.
- 247 Khyber Textile Mills Ltd.
- 248 Khyber Tobacco Co. Ltd.
- 249 Kohat Cement Co. Ltd.
- 250 Kohat Textile Mills Ltd.
- 251 Kohinoor Energy Ltd.
- 252 Kohinoor Industries Ltd.
- 253 Kohinoor Looms Ltd.
- 254 Kohinoor Power Ltd.
- 255 Kohinoor Spinning Mills Ltd.
- 256 Kohinoor Sugar Mills Ltd.
- 257 Kohinoor Textile Mills Ltd.
- 258 Kohinoor Weaving Mills Ltd.
- 259 Kot Addu Power Company Ltd.
- 260 KSB Pumps Company Ltd.
- 261 Lafayetti Industies Ltd.
- 262 Lakson Tobacco Co. Ltd.
- 263 Landmark Spinning Mills Ltd.
- 264 Latif Jute Mills Ltd.
- 265 Leather Up Ltd.
- 266 Leiner Pak Gelatine Ltd.
- 267 Libbas Textile Mills Ltd.
- 268 Liberty Mills Ltd.

269 Lucky Cement Ltd.  
270 Macdonald Layton & Company Ltd.  
271 Macpac Films  
272 Mahmood Textile Mills Ltd.  
273 Mandviwala Mauser Plastic Ind. Ltd.  
274 Maple Leaf Cement Factory Ltd.  
275 Maqbool Textile Mills Ltd.  
276 Mari Gas Company Ltd.  
277 Masood Textile Mills Ltd.  
278 Mediglass Ltd.  
279 Mehir Destagir Textile Mills Ltd.  
280 Mehran Jute Mills Ltd.  
281 Mehran Sugar Mills Ltd.  
282 Merit Packaging Ltd.  
283 Metropolitan Steel Corp. Ltd.  
284 Mian Mohammed Sugar Mills Ltd.  
285 Mian Textile Mills Ltd.  
286 Millat Tractors Ltd.  
287 Mineral Grinding Mills Ltd.  
288 Mirpurkhas Sugar Mills Ltd.  
289 Mirza Sugar Mills Ltd.  
290 Mitchells Fruit Farms Ltd.  
291 Modern Textile Mills Ltd.  
292 Mohib Exports Ltd.  
293 Moonlite Pak Ltd.  
294 Morafco Industries Ltd.  
295 Mubarak Textile Mills Ltd.  
296 Mubarik Dairies Ltd.  
297 Muhammad Farooq Textile Mills Ltd.  
298 Mukhtar Textile Mills Ltd.  
299 Murree Brewery Company Ltd.  
300 Muslim Ghee Mills Ltd.  
301 Mustehkam Cement Ltd.  
302 Myfip Video Industries Ltd.  
303 N.P.Spining Mills Ltd.

304 Nadeem Textile Mills Ltd.  
305 Nagina Cotton Mills Ltd.  
306 Nakshbandi Industries Ltd.  
307 National Fibres Ltd.  
308 National Food Ltd.  
309 National Refinery Ltd.  
310 National Silk Mills Ltd.  
311 Nazir Cotton Mills Ltd.  
312 Nestle Milkpak Ltd.  
313 Netsol Technology Ltd.  
314 Nimir Industrial Chemicals Ltd.  
315 Nimir Resins Ltd.  
316 Nina Industries Ltd.  
317 Nishat Chunian Ltd.  
318 Nishat Mills Ltd.  
319 Noon Pakistan Ltd.  
320 Noon Sugar Mills Ltd.  
321 Noon Textile Mills Ltd.  
322 Noor Silk Mills Ltd.  
323 Noorie Textile Mills Ltd.  
324 Oil & Gas Development Co.  
325 Olympia Spining Mills Ltd.  
326 Olympia Textile Mills Ltd.  
327 Otsuka Pakistan Ltd.  
328 Packages Ltd.  
329 Pak Cables Ltd.  
330 Pak Dairies Ltd.  
331 Pak Datacom Ltd.  
332 Pak Electron Ltd.  
333 Pak Fiber Industries Ltd.  
334 Pak Ghee Industries Ltd.  
335 Pak Hotels Developers Ltd.  
336 Pak House International Ltd.  
337 Pak Leather Crafts Ltd.  
338 Pak Services Ltd.

339 Pak Suzuki Motor Company Ltd.  
340 Pak Telephone Cables Ltd.  
341 Pakistan Cement Ltd.  
342 Pakistan Engineering Co. Ltd.  
343 Pakistan Gum & Chemicals Ltd.  
344 Pakistan International Container Terminal Ltd.  
345 Pakistan Oilfields Ltd.  
346 Pakistan Paper Products Ltd.  
347 Pakistan Papersack Corp. Ltd.  
348 Pakistan Pta Ltd.  
349 Pakistan Pvc Ltd.  
350 Pakistan Refinery Ltd.  
351 Pakistan Slag Cement Ltd.  
352 Pakistan Synthetics Ltd.  
353 Pakistan Tobacco Co. Ltd.  
354 Pangrio Sugar Mills Ltd.  
355 Pan-Islamic Steamship Co. Ltd.  
356 Paramount Spinning Mills Ltd.  
357 Pioneer Cement Ltd.  
358 Polyron Ltd.  
359 Premier Sugar Mills & Distl. Co. Ltd.  
360 Premium Spinning Mills Ltd.  
361 Prosperity Weaving Mills Ltd.  
362 Pakistan Telecommunication Company Ltd.  
363 Punjab Oil Mills Ltd.  
364 Qayyum Spinning Mills Ltd.  
365 Quality Steel Works Ltd.  
366 Quality Textile Mills Ltd.  
367 Quetta Textile Mills Ltd.  
368 Quice Food Industries Ltd.  
369 Rafhan Best Foods Ltd.  
370 Rashid Textile Mills Ltd.  
371 Ravi Textile Mills Ltd.  
372 Redco Textile Mills Ltd.  
373 Refhan Maiz Ltd.

374 Regal Ceramics Ltd.  
375 Regent Textile Mills Ltd.  
376 Reliance Weaving Mills Ltd.  
377 Reliance Cotton Spinning Mills Ltd.  
378 Resham Textile Mills Ltd.  
379 Ruby Textile Mills Ltd.  
380 Rupali Polyester Ltd.  
381 S.G. Fiber Ltd.  
382 S.G.Power Ltd.  
383 S.S.Oil Mills Ltd.  
384 Sadoon Textile Mills Ltd.  
385 Safa Textile Mills Ltd.  
386 Saif Nadeem Kawasaki Motors Ltd.  
387 Saif Textile Mills Ltd.  
388 Saitex Spining Mills Ltd.  
389 Sajjad Textile Mills Ltd.  
390 Sakerganj Sugar Mills Ltd.  
391 Sakrand Sugar Mills Ltd.  
392 Salfi Textile Mills Ltd.  
393 Salim Denim Industries Ltd.  
394 Sally Textile Mills Ltd.  
395 Salman Noman Enterprises Ltd.  
396 Samin Textile Mills Ltd.  
397 Sana Industries Ltd.  
398 Sanghar Sugar Mills Ltd.  
399 Sapphire Fibres Ltd.  
400 Sapphire Textile Mills Ltd.  
401 Sardar Chemicals Industries Ltd.  
402 Sargodha Spinning Mills Ltd.  
403 Sarhad Cigarette Industries Ltd.  
404 Saritow Spinning Mills Ltd.  
405 Sazgar Engineering Ltd.  
406 Schon Textile Mills Ltd.  
407 Searle Pakistan Ltd.  
408 Security Papers Ltd.

409 Service (Shoes) Industries Ltd.  
410 Service Fabrics Ltd.  
411 Service Textile Mills Ltd.  
412 Shabbir Tiles & Ceramics Ltd.  
413 Shadab Textile Mills Ltd.  
414 Shadman Cotton Mills Ltd.  
415 Shaffi Chemicals Ind. Ltd.  
416 Shaheen Cotton Mills Ltd.  
417 Shahmurad Sugar Mills Ltd.  
418 Shahpur Textile Mills Ltd.  
419 Shahtaj Sugar Mills Ltd.  
420 Shahtaj Textile Mills Ltd.  
421 Shahzad Textile Mills Ltd.  
422 Shams Textile Mills Ltd.  
423 Sheild Corporation Ltd.  
424 Shell Pakistan Ltd.  
425 Shell Gas LPG (Pakistan) Ltd.  
426 Shezan International Ltd.  
427 Shifa International Hospitals Ltd.  
428 Siddiq Sons Tin Plate Ltd.  
429 Siemens Pakistan Engineering Co. Ltd.  
430 Siftaq International Ltd.  
431 Sind Alkalis Ltd.  
432 Sind Fine Textile Mills Ltd.  
433 Sindh Abadgars Sugar Mills Ltd.  
434 Singer Pakistan Ltd.  
435 Sitara Chemical Industries Ltd.  
436 Sitara Energy Ltd  
437 Southern Electric Power Co. Ltd.  
438 Southren Network  
439 Suhail Jute Mills Ltd.  
440 Sunrays Textile Mills Ltd.  
441 Sunshine Cotton Mills Ltd.  
442 Suraj Cotton Mills Ltd.  
443 Suraj Ghee Industries Ltd.

444 Suzuki Motorcycles Pakistan Ltd.  
445 Syed Match Co. Ltd.  
446 Taga Pakistan Ltd.  
447 Taha Spinning Mills Ltd.  
448 Taj Textile Mills Ltd.  
449 Tandliawala Sugar Mills Ltd.  
450 Tariq Cotton Mills Ltd.  
451 Tariq Glass Industries Ltd.  
452 Tata Textile Mills Ltd.  
453 Tawakkal Garments Ltd.  
454 Tawakkal Ltd.  
455 Tawakkal Polyester Ltd.  
456 Telecard Ltd.  
457 Texila Engineering Ltd.  
458 Thal Industries Co. Ltd.  
459 Thal Jute Mills Ltd.  
460 Tobacco International Ltd.  
461 Towellers Ltd  
462 Transmission Engineering Ltd.  
463 Treet Corporation Ltd.  
464 TRG Pakistan Ltd.  
465 Tri Star Polyester Ltd.  
466 Tripack Films Ltd.  
467 Tri-Star Power Ltd.  
468 Tristar Shipping Lines Ltd.  
469 Turbo Tec. Ltd.  
470 UDL Industries Ltd.  
471 Unilever Pakistan Ltd.  
472 United Distributers Pak. Ltd.  
473 United Sugar Mills Ltd.  
474 Universal Oil Mills Ltd.  
475 Uqab Breeding Farms Ltd.  
476 Usman Textile Mills Ltd.  
477 Valika Woolen Mills Ltd.  
478 Wah Nobel Chemicals Ltd.

- 479 Wazir Ali Industries Ltd.
- 480 Worldcall Telecom Ltd.
- 481 Wyeth (Pakistan) Ltd.
- 482 Yousuf Weaving Mills Ltd.
- 483 Zahidjee Textile Mills Ltd.
- 484 Zahoor Cotton Mills Ltd.
- 485 Zahoor Textile Mills Ltd.
- 486 Zaphr Textile Mills Ltd.
- 487 Zeal Pak Cement Factory Ltd.
- 488 Zulfiqar Industries Ltd.