

# Health and Nutrition

Since health is an integral part of human development, therefore it remained the focus of attention of the government during 2008-09 because healthy population is the human asset of a country which in turn contributes efficiently to the economic and social development. In Pakistan, despite a good progress over the years, peoples are still suffering from various health lackings like limited access to health facilities, wide spread malnutrition, poverty and poor living conditions. The health development activities contrast sharply in relation to other countries at similar level of development and per capita income and reflects a backlog of many un-met needs. These concerns are overdue and require an urgent attention.

The most immediate health problems of the country are: inadequate sanitation facilities, Unsafe water, Poor living conditions, poverty and low literacy rate with women being the worse affectees whose lack of knowledge often render them and their children vulnerable to various diseases. Malnutrition is a major public health problem that disproportionately affects women, girls, and infants. The untimely deaths or disability from high prevalence of communicable diseases which could easily be prevented and treated adversely affect the working capability of an average household. The incidence of newer diseases like Cancer and HIV/ AIDS reveal a striking un-met requirements for which appropriate policy response and institutional changes are required to bring accelerated development and better health management.

Pakistan requires progress in economic and policy sector to reduce the burden of diseases not simply in health care but much have to be

done in agriculture, education, transportation, environment, public health sector and other relevant areas in order to improve the nation's overall health.

The national regime in line with the global recommendations and the United Nations mandate is committed to attain the health related millennium development goals (MDGs) on child mortality, maternal mortality, HIV/AIDS, T.B and malaria. The MDGs agenda of reforms have already been adopted as a framework of development activities to reduce poverty, hunger and to tackle the problems of ill health through investing in health care, education, diseases prevention, coverage and quality of life by the year 2015. In light of these considerations, a number of measures are underway to achieve Pakistan's health sector goals and to bring a visible change in health status of the country. Various health programs like children development program, Nutrition, Immunization, T.B and Malaria control, etc are being implemented with objectives to ensure sustainable development in health, nutrition and family planning etc. Consequently, immunization coverage has been increased and the country's focus on producing more doctors has led to marked improvement. During the year under review, emphasis was laid on the provision of primary health care, better utilization of the existing health facilities and continuing the programme of nutrition and preventable disease. However, the infant mortality rate is still high and remained at 73 per 1000 live birth. Other social indicators also reflect comparatively poor performance as is depicted in table-11.1.

The present government has taken several policy initiatives to fulfill its commitment to meet the needs of healthcare needs of the people of Pakistan. This has necessitated reformulating a new national health policy with the vision to provide Efficient, Equitable and Quality Health Care Services at the door steps of the population. The Health Policy 2009 has focused on preventive programs targeting poor and disadvantaged groups of communities. The reforms proposed in the policy has addressed inadequacies in primary and

secondary healthcare services and laid down an agenda for improvement in district health system, including removal of professional and managerial gaps and distortions. These elements will continue in the context of paradigm shift from healthcare reforms to wider health sector linkages with social determinants of health. The draft National Health Policy 2009 has focused on health sector investments as part of poverty alleviation, and accords priority to primary and secondary healthcare services.

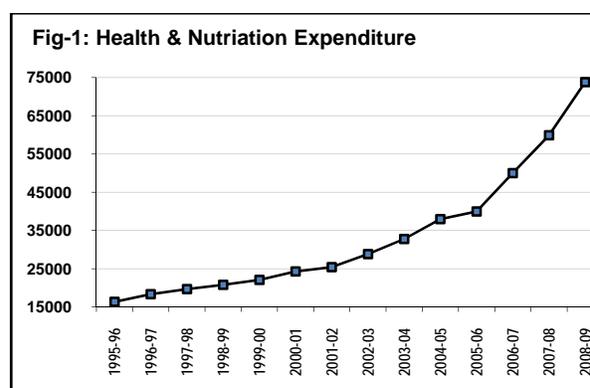
**Table-11.1: Social Indicators**

| Country         | Life Expectancy Year 2007** | Infant Mortality Rate per 1000** Year 2007 | Mortality Rate under 5 per 1000 Year 2007** | Population Avg. Annual (%) Growth 2008*** |
|-----------------|-----------------------------|--|---|---|
| <b>Pakistan</b> | <b>65</b>                   | <b>73</b>                                  | <b>90</b>                                   | <b>1.8*</b>                               |
| India           | 65                          | 54   | 72  | 1.5                                       |
| Sri Lanka       | 72                          | 17   | 21  | 0.9                                       |
| Bangladesh      | 64                          | 47   | 61  | 2.0                                       |
| Nepal           | 64                          | 43   | 55  | 2.1                                       |
| China           | 73                          | 19   | 22  | 0.6                                       |
| Thailand        | 71                          | 6  | 7   | 0.6                                       |
| Philippines     | 72                          | 23   | 28  | 1.7                                       |
| Malaysia        | 74                          | 10   | 11  | 1.7                                       |
| Indonesia       | 71                          | 25   | 31  | 1.2                                       |

Source: World Development Indicator 2009

## 11.1 Health Expenditure

The main modes of health financing in Pakistan is public sector and 0.5 percent of its GNP is spent on health. The government recognizes the need to enhance allocations in this area and mainstreaming alternative approaches to health financing. Public sector's fiscal allocation was increased from Rs 60 billion in 2007-08 to Rs 74 billion in 2008-09. Of which Rs.33.00 billion were development and Rs 41.10 billion as current expenditure. During this time, the government spendings on health as a percentage of the GNP stood at 0.55 percent which in term of GNP spells a 23 percent increase over last year.

**Table 11.2: Health & Nutrition Expenditures (2000-01-2008-09)**

| Fiscal Years | Public Sector Expenditure (Federal and Provincial) |                         |                     | Percentage Change | Health Expenditure as % of GDP |
|--------------|--|-------------------------|---------------------|-------------------|--------------------------------|
|              | Total Health Expenditures                          | Development Expenditure | Current Expenditure |                   |                                |
| 2000-01      | 24.28  | 5.94                    | 18.34               | 9.9               | 0.58                           |
| 2001-02      | 25.41  | 6.69                    | 18.72               | 4.7               | 0.57                           |
| 2002-03      | 28.81  | 6.61                    | 22.21               | 13.4              | 0.59                           |

| Fiscal Years | Public Sector Expenditure (Federal and Provincial) |                         |                     | Percentage Change | Health Expenditure as % of GDP |
|--------------|--|-------------------------|---------------------|-------------------|--------------------------------|
|              | Total Health Expenditures                          | Development Expenditure | Current Expenditure |                   |                                |
| 2003-04      | 32.81  | 8.50                    | 24.31               | 13.8              | 0.58                           |
| 2004-05      | 38.00  | 11.00                   | 27.00               | 15.8              | 0.57                           |
| 2005-06      | 40.00  | 16.00                   | 24.00               | 5.3               | 0.51                           |
| 2006-07      | 50.00  | 20.00                   | 30.00               | 25                | 0.57                           |
| 2007-08      | 60.00  | 27.22                   | 32.67               | 20                | 0.57                           |
| 2008-09      | 74.00  | 33.00                   | 41.10               | 23                | 0.55                           |

*Source: Planning and Development Division*

### 11.2 Health Facilities

In Pakistan health services are provided through (I) the health care delivery systems and (II) public health intervention. The former include basic health units (BHUs) and rural health centres (RHCs) forming the core of primary health care while public health intervention includes a number of public health programs which are federally led with provincial implementation and institutional mechanism. According to Health Division, there

were 948 hospitals in 2008 with over 133,956 registered physicians and over 65387 registered Nurses, 9012 Dentists and 10002 LHWs. Table below highlights other selected health facilities indicators. The country's focus on producing more Doctors has led to marked improvement in the Doctor-to- population ratio. The population to facilities ratio in respect of a doctor is for 1212 persons, a dentist for 18010 persons and availability of one hospital bed for 1575 persons.

| Health Manpower        | Upto 2006-07 | Upto 2007-08 | Upto 2008-09 |
|------------------------|--------------|--------------|--------------|
| Registered doctors     | 123,125      | 127,859      | 133,956      |
| Registered dentists    | 7,438        | 8,195        | 9,012        |
| Registered nurses      | 57,646       | 62,651       | 65,387       |
| Population per Doctor  | 1,251        | 1,225        | 1212         |
| Population per Dentist | 20,702       | 19,121       | 18010        |
| Population per Bed     | 1,508        | 1,517        | 1575         |

*Source: Ministry of Health*

### 11.3 Physical Targets and Achievements During 2008-09

The government has been expanding the scope of health delivery services in view of its actual demand. New infrastructures are being built in the health sector to meet the increasing demand of the people. The targets for the health sector during 2008-09 included establishment of 40 Basic Health Units (BHUs) and 15 RHCs. The manpower target included the addition of 5000 new doctors, 450 dentists, 3500 Nurses, 5500 Paramedics and 450 Traditional Birth Attendants. Under the preventive Program, about 8.5 million children were targeted to be immunized and 25 million packets of ORS were to be distributed during 2008-09.

In order to achieve the targets, the Government has taken a number of steps and among them, training of 4500 doctors, 400 dentists, 3200 nurses and construction of 35 basic health units (BHUs) and 13 rural health centres have been completed. In the meantime 850 BHUs and 40 RHCs have been strengthened/improved. In the government hospitals, 4300 beds have been added in the existing ones. Besides, efforts are underway to address the currently prevailing services challenges through focus on primary health care delivery by revitalizing BHUs and RHCs.

Physical targets and achievements for 2008-09 are given in the following table

**Table-11.4: Physical Targets and Achievements During 2008-09**

| Sub-Sector   | Targets (Nos) | Estimated Achievements (Nos) | Achievements (%) |
|--|---------------|------------------------------|------------------|
| A. Rural Health Programme                                  |               |                              |                  |
| i. New Basic Health Units (BHUs)                           | 40            | 35                           | 87               |
| ii. New Rural Health Centres (RHCs)                        | 15            | 13                           | 86               |
| iii. Upgradation of existing RHCs                          | 45            | 40                           | 88               |
| iv. Upgradation of existing BHUs                           | 900           | 850                          | 94               |
| B. Beds in Hospitals/RHCs/BHUs                             | 4500          | 4300                         | 95               |
| C. Health Manpower Development                             |               |                              |                  |
| i. Doctors   | 5000          | 4500                         | 90               |
| ii. Dentists   | 450           | 400                          | 80               |
| iii. Nurses  | 3500          | 3200                         | 90               |
| iv. Paramedics   | 5500          | 5000                         | 90               |
| v. Training of TBAs  | 500           | 450                          |                  |
| vi. Training of LHWs                                       | 100000        | 96000                        | 96               |
| D. Preventive Programme                                    |               |                              |                  |
| i. Immunization (Million Nos)                              | 9             | 8                            | 94               |
| ii. Oral Rehydration Salt (ORS) ( <i>Million Packets</i> ) | 25            | 24                           | 96               |

*Source: Planning & Development Division*

## 11.4 Health Programs

Notwithstanding improvement in doctors/dentist to population ratio, it must be recognized that Pakistan's key health indicators still lag behind in relation to international targets articulated within the millennium declaration which makes a case for reform measure within the health sector. Public health intervention include a number of public health program. These include the National Program for prevention and control of T.B, Malaria, HIV/ AIDs and child health care program etc. To bring a visible change in health status of the country, the government of Pakistan has intensified its efforts. The following core programmes are being implemented with a much sharper focus on the poor and underprivileged segments of the society.

### 11.4.i Expanded Program on Immunization (EPI)

EPI aims at protecting children by immunizing them against Childhood Tuberculosis, Poliomyelitis, Diphtheria, Pertussis, Measles, Tetanus and also their mothers against Tetanus. The Program has progressed significantly over the time in terms of immunization coverage and disease reduction through its own system of surveillance, regular monitoring, evaluation of

strategy and sufficient trained manpower across the country. This ensures the commitment of the Government for provision of vaccines, syringes, cold chain equipment, transport, printed material and launching of health education/motivation campaign. Major objectives of the program include:-

- ▶ Reduction of mortality resulting from the seven EPI target diseases by immunizing children of the age 0-11 months and women of child bearing age.
- ▶ 90% routine immunization coverage of all EPI antigens with at least 80% coverage in every district by 2012.
- ▶ Interruption of polio virus transmission by 2010.
- ▶ Elimination of Neo-natal tetanus by 2015.
- ▶ Reduction of measles mortality by 90% by 2010 .

### 11.4.ii National Aids Control Program (NACP)

The National AIDS control program along with its provincial counterparts is a national responsibility

to the rising epidemic of HIV/AIDS in Pakistan. The Program since its implementation i.e. 1988 has undergone many policy changes that reflect the overall change in the HIV/AIDS epidemic.

Currently 7400 people are estimated living with HIV/ Aids in the country with the HIV prevalence rate of 1 % and 4900 deaths by the epidemic upto the year 2008. Till date 4500 HIV positive cases have been reported to the National and Provincial AIDS Control Programs. It includes 2000 full blown AIDS. Around 850 are receiving free treatment through 12 AIDS Treatment Centres.

Several socioeconomic conditions conducive to spread of HIV/AIDS exist in Pakistan. These include poverty, low level of education and migration to higher prevalence countries which led to increased exposure to the disease. Significant factors that increase Pakistan's vulnerability to the epidemic include inadequate blood transmission, screening, high level of professional blood Donors, migrants and refugee population. Among reported infections, contaminated blood and blood products is the primary mode of transmission followed by injecting drug use and mother-to-child transmission. This serves to underline the need for rapidly scaling up intervention among vulnerable groups to prevent spillover into the general population.

The investment in HIV/AIDS prevention and control activities have increased over the years. The NACP has taken the lead in streamlining health services management to strengthen the quality and delivery of care at Federal and provincial levels. The NACP also conducts public awareness campaigns, disseminates informational materials and develops guidance for improving care and support, clinical management, surveillance, and blood safe; and intervention effectiveness. Blood banking is managed through both public and private sectors, with the majority of demands being met by the Private Sector. A total of 1.5 million Blood Bags are transfused annually in the country of which 66% is contributed by the private sector. Screening reports are received on a quarterly basis from the public sector institutions/blood banks and is then compiled at the National AIDS Control program.

Pakistan has shown its commitment of fighting the spread of HIV/ Aids for example Pakistan. Medium term Development framework 2005-10 includes among its goals, the halving of HIV/ Aids prevalence in most-at-risk population (MARPs)

#### **11.4.iii National Program for Malaria Control**

Malaria is one of the most devastating tropical disease in the world. It is particularly dangerous for young children and for pregnant women and their unborn children, although others may be seriously affected in some circumstances. About 250 to 300 million cases of malaria occur annually. New anti-malarial drugs and more efficient diagnostic techniques are being tested to cope with the problem. Malaria is a curable and preventable disease, but it still kills many people.

Pakistan launched Malaria eradication campaign with the help of WHO in 1960. But eradication of malaria could not be achieved because of socio-economic and epidemiological factors and so it poses a potential threat to the health of millions of people. On the advice of WHO, Malaria Eradication Programme was converted into Malaria Control Programme. The current project is an extension of on-going Malaria Control Programme. The goal of the programme is to improve the health status of the population by effectively controlling malaria through implementation of the Roll Back Malaria strategies. The five year plan is a step towards achieving the WHO global RBM target of 50% reduction in the malaria burden by the year 2010. Considerable progress has been made with regard to involvement of NGOs, awareness and operational research.

#### **11.4.iv National T.B. Control Programme (NTCP)**

Tuberculosis, or TB, is an infectious disease transmitted from person to person via droplets from the throat and lungs of people with the active respiratory disease. Millions of people around the world each year die of this curable disease. Tuberculosis (TB) is a major public health problem in Pakistan. The country ranks 6<sup>th</sup> globally among the 22 high disease burden countries. In Pakistan, the total No. of TB cases stands at 76,668. The

percentage of TB case detection rate is 51%, treatment success rate is 87% while cure rate is 74%. The problem gets more complicated with majority of population living in extremely poor conditions, meagre resources and limited provision of healthcare facilities. The Pakistan government has therefore given high priority to TB control and constantly expanding the WHO recommended TB control strategy (DOTS) across the country. Though Pakistan has achieved the outcome target indicators of Millennium Development Goals, that is detection of TB at 70 per cent and successful treatment of 85 per cent cases but still efforts are needed to decrease number of TB cases in Pakistan.

The NTCP aims to reduce TB prevalence and mortality rates by 50 percent by 2015. Pakistan's efforts to control TB are supported by over 12 international partners, along with an extended network of health workers and volunteers working at the grassroots level.

#### **11.4.v Prime Minister Program for Prevention and Control of Hepatitis in Pakistan (2005-2010)**

Prime Minister Program for Prevention and Control of Hepatitis in Pakistan (2005-2010) was launched on August 29<sup>th</sup> 2005 to decrease substantially the Prevalence, morbidity and mortality due to hepatitis viral infections in the general population by utilizing the existing health infrastructure. The total cost of the program in Rs. 2.59 billion for financial years 2005 till 2010.

The goals set under the program aim to achieve 50 percent reduction in hepatitis prevalence by 2010 through establishment of Hepatitis Surveillance System, provision of drugs for hepatitis B & C patients, provision of hepatitis vaccination for high risk population, provision of essentials for ensuring safety of blood and blood products at all blood transfusion centers, proper disposal of invasive medical devices including syringes, hospital waste, prevention and control of hepatitis A & E and actualizing the strategy for safe drinking water supply and sanitation provisions.

Specific goals of the program include: Establishing screening/ diagnosis, counseling and chronic liver

disease treatment facilities at provincial, District & Tehsil level hospitals in a phased manner (121 Districts 425 Hospitals); Establishment of reference water quality control laboratories and purification plants at NIH, Provinces (7 units) and in rural settings (150 units); Improvement of Health Care Providers knowledge for prevention of Hepatitis through focus on injection safety, safe blood transfusion practices (385 Blood Banks) and hospital waste disposal (425 Hospital); Introduction of lab based surveillance system for evidence based policy decisions and creating opportunity for epidemiological research studies mainly community based, and establishment of provincial satellite offices of the Provincial Coordinators; Advocacy & Behavior Change Communication (BCC) strategy development and execution on persistent basis for prevention of Hepatitis by creating awareness among general masses for adoption of healthy practices; Strengthening of routine immunization services of Hepatitis B vaccine for infants through provision of immunization against Hepatitis B in children below one year of age by using Expanded Program of Immunization's infrastructure and Reduction of vulnerability to Hepatitis B in medical staff of public sector and other risk groups.

These interventions shall lead to minimizing the morbidity and mortality caused by hepatitis and likewise reduce economic burden. The community is therefore a direct beneficiary of the program.

#### **11.4.vi Cancer Treatment Programme**

Currently, Thirteen (13) nuclear medical and oncology hospitals are functioning throughout the country providing diagnostic and treatment facilities to the 70% of the total cancer patients in Pakistan with most modern facilities available at these centres. Major services offered at these nuclear medical hospitals include diagnostic and therapeutic nuclear medicines, radioimmunoassay, radiotherapy. indoor cancer treatment. More than 408,900 patients were attended during the year 2008-09. During the period July 2008 to March 2009 a total of 210,554 patients (160,153 new and 50401 follow up) benefited from the nuclear medicine facilities. On clinical oncology side a total of 198,330 patients (including 51,363 new

and 146,968 follow up) were provided cancer treatment as well as follow up management.

During the year (July-Mar) 2008-09, following activities were carried out.

- (i) The PAEC NM&O hospitals were involved in development activities like research projects and training course etc. nationally as well across the globe to learn recent development in cancer diagnostic techniques/ treatment trends.
- (ii) The up gradation project of two NM&O hospitals i.e. AMEC Karachi and INMOL Lahore at various stage of completion.
- (iii) Cancer registry program has been initiated and initial data of cancer patients at PAEC NM&O Hospital is being maintained which will lead to more effective cancer prevention and awareness programs in future.

### 11.5 Drug Abuse

The increase in opium production in Afghanistan made Pakistan an important transit gateway for illegal drugs. As a result, drug abuse within Pakistan became a more pronounced problem. Since the last two decades, the problem of drug abuse has not only persisted but has been continuously increasing. With globalization of drug abuse problem over the years, the United Nations Commission on Narcotic drug has argued that the solution does not lie in the hands of individual countries. It has to be worked out through mutual efforts by South Asian countries. Various measures were adopted by the government of Pakistan to address the issue. A new Drug Abuse Control Master Plan (2008-2012) has been prepared to meet the growing challenges. Expenditure under this plan is expected to be Rs.10869.43 million. Objectives have been defined and achievable targets set with emphasis on both supply and demand reduction activities. Currently there are 12 ongoing projects which are being implemented at the cost of Rs 748.414 million with 432.934 million by Government of Pakistan and Rs315.480million as foreign aid. Prominent among these are Mohmand Area Development project, Bajaur Area Development Project, Khyber Area Development project and a model addiction

treatment and rehabilitation centres at Islamabad and Quatta. Besides, 6 new projects are proposed for 2009-10 with a total cost of Rs. 16.380 million are also being reviewed.

#### 11.5.i Seizure of Narcotics Drugs

Seizure of narcotic drugs including registered affected and defendants arrested during the fiscal year 2008-09 are detailed in Table 11.6.

**Table 11.5- Seizure of Drugs**

|                   |                 |
|-------------------|-----------------|
| No. of cases      | 20177 (Nos)     |
| No. of defendants | 20878 (Nos)     |
| Opium             | 16437.897 (Kgs) |
| Heroin            | 5541.448(Kgs)   |
| Hashish           | 96936.087(Kgs)  |
| Cocaine           | 6.050(Kgs)      |
| Poppy Straw       | 26940.00(Nos)   |

*Source: Ministry of Narcotics Control*

### 11.6 Food and Nutrition

Dietary pattern varies widely across the world even from region to region in the country. However it tends to weigh largely in favour of cereals (wheat, rice, maize) milk, meat and eggs. Calories and protein availability is consistently increasing over time. Eating a healthy diet is a main way to get good nutrition. In Pakistan people still do not have easy access to food to meet their basic requirements for protein and deficiency in essential micronutrients, such as iodine, vitamin A, and iron. Food Security and Poverty impedes affecting people's access to balanced diet. Food availability and its easy access play vital role in maintaining adequate diet and nutritional status.

Availability of major Food Items and its access during the year was maintained by taking necessary measures to combat the effects of international price hike and shortage of grains. The average caloric availability remained around 2363 and protein at 70gms per capita/day against the average requirement of 2350 calories per capita per day. The availability of essential food items over the period is briefly given in Table 11.6.:

The Medium Term Development Framework (MTDF) envisaged multi-disciplinary nutrition

activities effectively to achieve the most MDGs targets. Nutrition related activities are being carried out in Social sectors including Health, Food & Agriculture, Education etc.

**Table 11.6- Per Capita Food and Availability**

| Items            | Year/<br>units | 1949-50 | 1979-80 | 1989-90 | 1999-00 | 2003-04 | 2005-06 | 2006-07 | 2007-08(E) | 2008-09(T) |
|------------------|----------------|---------|---------|---------|---------|---------|---------|---------|------------|------------|
| Cereals          | Kg             | 139.3   | 147.1   | 160.7   | 165.0   | 150.7   | 151.4   | 148.8   | 151.1      | 151.0      |
| Pulses           | Kg             | 13.9    | 6.3     | 5.4     | 7.2     | 6.1     | 7.9     | 7.2     | 7.9        | 8.0        |
| Sugar            | Kg             | 17.1    | 28.7    | 27.0    | 26.4    | 33.6    | 25.3    | 32.2    | 31.5       | 29.3       |
| Milk             | Ltr            | 107.0   | 94.8    | 107.6   | 148.8   | 154.0   | 162.6   | 170.1   | 172.1      | 175.2      |
| Meat             | Kg             | 9.8     | 13.7    | 17.3    | 18.76   | 18.8    | 19.7    | 20.6    | 20.1       | 20.5       |
| Eggs             | Dozen          | 0.2     | 1.2     | 2.1     | 5.1     | 4.6     | 5.2     | 5.4     | 5.3        | 5.2        |
| Edible Oil       | Ltr            | 2.3     | 6.3     | 10.3    | 11.1    | 11.3    | 12.7    | 12.8    | 12.6       | 12.6       |
| Calories per day |                | 2078    | 2301    | 2324    | 2416    | 2381    | 2386    | 2349    | 2377       | 2363       |
| Protein per day  |                | 62.8    | 61.5    | 67.4    | 67.5    | 67.8    | 69.5    | 69.0    | 69.5       | 70.0       |

*E: Estimates* *Source: Planning and Development Division*  
*T: Targets*

**Pakistan Bait-ul-Mal's (PBM)** Food Support Programme for poor Households has been integrated into Benazir Income Support Programme (BISP) throughout the country for wider coverage.

**A National School Nutrition Programme** designed as a social safety net and incentive to improve the nutritional status of Government Rural Primary School going children to increase enrolment and drop-out rates.

**Nutrition through Primary Health Care (PHC)** covering micronutrient supplementation for anemia control, vitamin A supplementation to children under five years of age, micro nutrient to women of child bearing age, growth monitoring, counseling on breast feeding & weaning practices and awareness through Lady Health Workers (LHWs).

**Reference Laboratory for Food Quality Control System** has been strengthened at Nutrition Division, National Institute of Health, Islamabad.

**Micro Nutrient Deficiency Control Programme:** The major Micro Nutrient deficiencies i.e. Iodine,

Iron and Vitamin-A, are being addressed through Nutrition Wing, M/o Health through donors' assistance:

- a) Salt Iodization in private sector was strengthened in more than 60 districts along with awareness material. Draft Legislation for Universal Salt Iodization (USI) has been forwarded to the concerned quarters.
- b) Wheat Flour Fortification has been expanded to 82 flour mills in the country. Millers also trained to operate the micro-feeders and maintain quality control parameters. Mass media campaign for consumer education prepared and launched.
- c) 95 percent children (6-59) month administration Vitamin A drops through National Immunization Days (NIDs)
- d) Policy for Infant Young Child Feeding (IYCF) has been adopted. Health staff trained on Baby Friendly Hospital Initiative (BFHI), and breastfeeding counseling.

TABLE 11.1

## NATIONAL MEDICAL AND HEALTH ESTABLISHMENTS, Progressive (Calendar Year Basis)

| Year | Hospitals | Dispensaries | (Number)                |                                  |                      |            | Total Beds | Population per Bed |
|------|-----------|--------------|-------------------------|----------------------------------|----------------------|------------|------------|--------------------|
|      |           |              | BHUs Sub Health Centres | Maternity & Child Health Centres | Rural Health Centres | TB Centres |            |                    |
| 1960 | 342       | 1195         | ..                      | 348                              | ..                   | ..         | 22394      | 2038               |
| 1961 | 345       | 1251         | 3                       | 422                              | 1                    | 18         | 22394      | 2063               |
| 1962 | 361       | 1374         | ..                      | 449                              | ..                   | ..         | 22775      | 2087               |
| 1963 | 365       | 1514         | ..                      | 488                              | ..                   | ..         | 23429      | 2088               |
| 1964 | 365       | 1626         | ..                      | 524                              | ..                   | ..         | 23664      | 2126               |
| 1965 | 379       | 1695         | ..                      | 554                              | ..                   | ..         | 25603      | 2022               |
| 1966 | 389       | 1754         | ..                      | 558                              | ..                   | ..         | 26200      | 2033               |
| 1967 | 391       | 1834         | ..                      | 650                              | ..                   | ..         | 27291      | 1678               |
| 1968 | 398       | 1751         | ..                      | 650                              | ..                   | ..         | 27112      | 2079               |
| 1969 | 405       | 1846         | ..                      | 668                              | ..                   | ..         | 27618      | 2100               |
| 1970 | 411       | 1875         | ..                      | 668                              | ..                   | ..         | 28976      | 2061               |
| 1971 | 495       | 2136         | 249                     | 668                              | 87                   | 79         | 34077      | 1804               |
| 1972 | 496       | 2137         | 249                     | 675                              | 87                   | 82         | 35337      | 1792               |
| 1973 | 521       | 2566         | 255                     | 662                              | 90                   | 84         | 35655      | 1848               |
| 1974 | 517       | 2836         | 290                     | 690                              | 102                  | 89         | 35866      | 1893               |
| 1975 | 518       | 2908         | 373                     | 696                              | 134                  | 89         | 37776      | 1852               |
| 1976 | 525       | 3063         | 536                     | 715                              | 173                  | 95         | 39129      | 1843               |
| 1977 | 528       | 3220         | 544                     | 726                              | 186                  | 95         | 40518      | 1834               |
| 1978 | 536       | 3206         | 554                     | 748                              | 200                  | 95         | 42469      | 1804               |
| 1979 | 550       | 3367         | 645                     | 772                              | 211                  | 98         | 44367      | 1779               |
| 1980 | 602       | 3466         | 736                     | 812                              | 217                  | 98         | 47412      | 1716               |
| 1981 | 600       | 3478         | 774                     | 823                              | 243                  | 99         | 48441      | 1752               |
| 1982 | 613       | 3459         | 1587                    | 817                              | 283                  | 98         | 50335      | 1735               |
| 1983 | 626       | 3351         | 1982                    | 794                              | 302                  | 98         | 52161      | 1723               |
| 1984 | 633       | 3386         | 2366                    | 787                              | 319                  | 96         | 53603      | 1724               |
| 1985 | 652       | 3415         | 2647                    | 778                              | 334                  | 100        | 55886      | 1699               |
| 1986 | 670       | 3441         | 2902                    | 773                              | 349                  | 101        | 57709      | 1689               |
| 1987 | 682       | 3498         | 3150                    | 798                              | 383                  | 104        | 60093      | 1666               |
| 1988 | 710       | 3616         | 3454                    | 998                              | 417                  | 211        | 64471      | 1593               |
| 1989 | 719       | 3659         | 3818                    | 1027                             | 448                  | 211        | 66375      | 1587               |
| 1990 | 756       | 3795         | 4213                    | 1050                             | 459                  | 220        | 72997      | 1444               |
| 1991 | 776       | 3993         | 4414                    | 1057                             | 465                  | 219        | 75805      | 1425               |
| 1992 | 778       | 4095         | 4526                    | 1055                             | 470                  | 228        | 76938      | 1464               |
| 1993 | 799       | 4206         | 4663                    | 849 *                            | 485                  | 233        | 80047      | 1443               |
| 1994 | 822       | 4280         | 4902                    | 853 *                            | 496                  | 242        | 84883      | 1396               |
| 1995 | 827       | 4253         | 4986                    | 859 *                            | 498                  | 260        | 85805      | 1416               |
| 1996 | 858       | 4513         | 5143                    | 853 *                            | 505                  | 262        | 88454      | 1407               |
| 1997 | 865       | 4523         | 5121                    | 853 *                            | 513                  | 262        | 89929      | 1418               |
| 1998 | 872       | 4551         | 5155                    | 852 *                            | 514                  | 263        | 90659      | 1440               |
| 1999 | 879       | 4583         | 5185                    | 855 *                            | 530                  | 264        | 92174      | 1448               |
| 2000 | 876       | 4635         | 5171                    | 856 *                            | 531                  | 274        | 93907      | 1456               |
| 2001 | 907       | 4625         | 5230                    | 879 *                            | 541                  | 272        | 97945      | 1427               |
| 2002 | 906       | 4590         | 5308                    | 862                              | 550                  | 285        | 98264      | 1454               |
| 2003 | 906       | 4554         | 5290                    | 907                              | 552                  | 289        | 98684      | 1479               |
| 2004 | 916       | 4582         | 5301                    | 906                              | 552                  | 289        | 99908      | 1492               |
| 2005 | 919       | 4632         | 5334                    | 907                              | 556                  | 289        | 101490     | 1483               |
| 2006 | 924       | 4712         | 5336                    | 906                              | 560                  | 288        | 102073     | 1508               |
| 2007 | 945       | 4755         | 5349                    | 903                              | 562                  | 290        | 103285     | 1544               |
| 2008 | 948       | 4794         | 5310                    | 908                              | 561                  | 293        | 103037     | 1575               |

.. Not available

Source: Ministry of Health

\* The decrease in MCH since 1993 as against last year is due to exclusion/separation of family welfare centres from MCH structure in NWFP

P: Provisional data in respect of Punjab province.

TABLE 11.2

## REGISTERED MEDICAL AND PARAMEDICAL PERSONNEL (Progressive) AND EXPENDITURE ON HEALTH, (Calendar Year Basis)

| Year | Regis-<br>tered<br>Doctors<br>*** | Regis-<br>tered<br>Dentists<br>*** | Regis-<br>tered<br>Nurses<br>*** | Regis-<br>tered<br>Mid-<br>wives | Regis-<br>tered<br>Lady<br>Health<br>Visitors | Population per |         | Expenditure(Mln. Rs)^** |                      |
|------|-----------------------------------|------------------------------------|----------------------------------|----------------------------------|---|----------------|---------|-------------------------|----------------------|
|      |                                   |                                    |                                  |                                  |   | Doctor         | Dentist | Develop-<br>ment        | Non-Deve-<br>lopment |
|      |                                   |                                    |                                  |                                  |   |                |         |                         |                      |
| 1960 | 477                               | ..                                 | ..                               | ..                               | ..  | ..             | ..      | 8.70                    | 57.00                |
| 1961 | 612                               | ..                                 | ..                               | ..                               | ..  | 75,470         | ..      | 21.13                   | 69.00                |
| 1962 | 797                               | 2                                  | ..                               | ..                               | ..  | 59,636         | ..      | 34.10                   | 78.00                |
| 1963 | 1,049                             | 17                                 | ..                               | ..                               | ..  | 46,615         | ..      | 34.55                   | 80.00                |
| 1964 | 1,325                             | 81                                 | ..                               | ..                               | ..  | 37,970         | ..      | 75.22                   | 78.00                |
| 1965 | 1,591                             | 151                                | ..                               | ..                               | ..  | 32,533         | ..      | 46.47                   | 84.00                |
| 1966 | 2,008                             | 195                                | ..                               | ..                               | ..  | 26,524         | ..      | 35.31                   | 86.00                |
| 1967 | 2,588                             | 233                                | ..                               | ..                               | ..  | 21,170         | ..      | 70.80                   | 92.00                |
| 1968 | 2,668                             | 273                                | ..                               | ..                               | ..  | 21,128         | ..      | 59.79                   | 99.00                |
| 1969 | 3,322                             | 332                                | ..                               | ..                               | ..  | 17,459         | ..      | 67.99                   | 128.00               |
| 1970 | 3,913                             | 384                                | ..                               | ..                               | ..  | 15,256         | 155,468 | 61.70                   | 151.00               |
| 1971 | 4,287                             | 446                                | ..                               | ..                               | ..  | 14,343         | 137,870 | 57.62                   | 141.10               |
| 1972 | 4,802                             | 511                                | ..                               | ..                               | ..  | 13,190         | 123,953 | 95.55                   | 171.90               |
| 1973 | 5,138                             | 549                                | ..                               | ..                               | ..  | 12,824         | 120,018 | 175.67                  | 210.10               |
| 1974 | 5,582                             | 610                                | 946                              | 522                              | 51  | 12,164         | 111,311 | 363.00                  | 278.00               |
| 1975 | 6,018                             | 650                                | 1,985                            | 1,201                            | 118   | 11,628         | 107,661 | 629.10                  | 360.64               |
| 1976 | 6,478                             | 706                                | 2,526                            | 1,637                            | 197   | 11,133         | 102,153 | 540.00                  | 439.20               |
| 1977 | 7,232                             | 733                                | 3,204                            | 2,577                            | 246   | 10,278         | 101,405 | 512.00                  | 558.60               |
| 1978 | 8,041                             | 781                                | 3,892                            | 3,106                            | 341   | 9,526          | 98,079  | 569.00                  | 641.60               |
| 1979 | 9,079                             | 846                                | 4,552                            | 3,594                            | 453   | 8,695          | 93,309  | 717.00                  | 661.89               |
| 1980 | 10,777                            | 928                                | 5,336                            | 4,200                            | 547   | 7,549          | 87,672  | 942.00                  | 794.82               |
| 1981 | 13,910                            | 1,018                              | 6,110                            | 4,846                            | 718   | 6,101          | 83,369  | 1037.00                 | 993.10               |
| 1982 | 17,174                            | 1,121                              | 6,832                            | 5,482                            | 928   | 5,087          | 77,948  | 1183.00                 | 1207.00              |
| 1983 | 20,865                            | 1,222                              | 7,348                            | 6,031                            | 1,144   | 4,308          | 73,560  | 1526.00                 | 1564.00              |
| 1984 | 25,633                            | 1,349                              | 8,280                            | 7,078                            | 1,374   | 3,605          | 68,490  | 1587.00                 | 1785.12              |
| 1985 | 30,044                            | 1,416                              | 10,529                           | 8,133                            | 1,574   | 3,160          | 67,041  | 1881.50                 | 2393.81              |
| 1986 | 34,034                            | 1,558                              | 12,014                           | 10,315                           | 2,144   | 2,865          | 62,580  | 2615.00                 | 3270.00              |
| 1987 | 38,580                            | 1,636                              | 13,002                           | 11,505                           | 2,384   | 2,594          | 61,180  | 3114.41                 | 4064.00              |
| 1988 | 42,862                            | 1,772                              | 14,015                           | 12,866                           | 2,697   | 2,396          | 57,963  | 2802.00                 | 4519.00              |
| 1989 | 47,289                            | 1,918                              | 15,861                           | 13,779                           | 2,917   | 2,228          | 54,927  | 2681.00                 | 4537.00              |
| 1990 | 52,862                            | 2,068                              | 16,948                           | 15,009                           | 3,106   | 2,082          | 52,017  | 2741.00                 | 4997.00              |
| 1991 | 56,546                            | 2,184                              | 18,150                           | 16,299                           | 3,463   | 1,993          | 50,519  | 2402.00                 | 6129.65              |
| 1992 | 61,017                            | 2,269                              | 19,389                           | 17,678                           | 3,796   | 1,892          | 49,850  | 2152.31                 | 7452.31              |
| 1993 | 63,976                            | 2,394                              | 20,245                           | 18,641                           | 3,920   | 1,848          | 48,508  | 2875.00                 | 7680.00              |
| 1994 | 67,167                            | 2,584                              | 21,419                           | 19,759                           | 4,107   | 1,803          | 46,114  | 3589.73                 | 8501.00              |
| 1995 | 70,670                            | 2,747                              | 22,299                           | 20,910                           | 4,185   | 1,455          | 44,478  | 5741.07                 | 10613.75             |
| 1996 | 75,201                            | 2,933                              | 24,776                           | 21,662                           | 4,407   | 1,689          | 42,675  | 6485.40                 | 11857.43             |
| 1997 | 79,437                            | 3,154                              | 28,661                           | 21,840                           | 4,589   | 1,636          | 40,652  | 6076.60                 | 13586.91             |
| 1998 | 83,661                            | 3,434                              | 32,938                           | 22,103                           | 4,959   | 1,590          | 38,185  | 5491.81                 | 15315.86             |
| 1999 | 88,082                            | 3,857                              | 35,979                           | 22,401                           | 5,299   | 1,578          | 35,557  | 5887.00                 | 16190.00             |
| 2000 | 92,804                            | 4,165                              | 37,528                           | 22,525                           | 5,443   | 1,529          | 33,629  | 5944.00                 | 18337.00             |
| 2001 | 97,226                            | 4,612                              | 40,019                           | 22,711                           | 5,669   | 1,516          | 31,579  | 6688.00                 | 18717.00             |
| 2002 | 102,611                           | 5,058                              | 44,520                           | 23,084                           | 6,397   | 1,466          | 29,405  | 6609.00                 | 22205.00             |
| 2003 | 108,130                           | 5,531                              | 46,331                           | 23,318                           | 6,599   | 1,404          | 27,414  | 8500.00                 | 24305.00             |
| 2004 | 113,273                           | 6,128                              | 48,446                           | 23,559                           | 6,741   | 1,359          | 25,107  | 11000.00                | 27000.00             |
| 2005 | 118,062                           | 6,734                              | 51,270                           | 23,897                           | 7,073   | 1,310          | 25,297  | 16000.00                | 24000.00             |
| 2006 | 123,169                           | 7,438                              | 57,646                           | 24,692                           | 8,405   | 1,254          | 20,839  | 20000.00                | 30000.00             |
| 2007 | 128,076                           | 8,215                              | 62,651                           | 25,261                           | 9,302   | 1,245          | 19,417  | 27228.00                | 32670.00             |
| 2008 | 133,956                           | 9,012                              | 65,387                           | 25,534                           | 10,002  | 1,212          | 18,010  | 32700.00                | 41100.00             |

.. Not available

Source: 1. Ministry of Health

^\* Expenditure figures are for respective financial years 2004 = 2004-05

2. Planning &amp; Development Division

\*\*\* Registered with Pakistan Medical and Dental Council and Pakistan Nursing Council.

Note: Data regarding registered number of Doctors/Dentists is vulnerable to few changes as it is affected by change of province or if there is any change in registration status from time to time

TABLE 11.3

DATA ON EXPANDED PROGRAMME OF IMMUNIZATION VACCINATION PERFORMANCE (0-4 YEARS),  
(Calendar Year Basis)

| Vaccine/doz | 1997      | 1998      | 1999      | 2000      | 2001      | 2002      | 2003      | 2004      | 2005      | 2006      | 2007      | 2008      |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| B.C.G.      | 4,804,197 | 4,950,658 | 5,582,202 | 4,995,429 | 5,070,031 | 4,777,166 | 5,114,865 | 4,862,494 | 5,203,061 | 5,364,136 | 5,790,371 | 5,884,435 |
| POLIO       |           |           |           |           |           |           |           |           |           |           |           |           |
| 0           | 1,522,005 | 1,605,409 | 2,031,138 | 1,787,968 | 1,734,707 | 1,842,279 | 2,132,474 | 2,352,552 | 2,625,604 | 2,846,229 | 3,098,116 | 3,428,749 |
| I           | 4,738,990 | 4,757,494 | 5,253,847 | 4,581,262 | 4,583,673 | 4,543,243 | 4,819,735 | 4,512,848 | 4,858,592 | 5,250,568 | 5,645,107 | 5,556,128 |
| II          | 4,220,589 | 4,203,668 | 4,558,892 | 4,026,744 | 4,079,328 | 4,014,687 | 4,281,717 | 4,098,187 | 4,387,392 | 4,869,878 | 5,178,706 | 5,034,410 |
| III         | 3,947,036 | 3,973,201 | 4,131,112 | 3,811,685 | 4,023,674 | 3,780,170 | 4,035,457 | 3,916,351 | 4,159,987 | 4,738,953 | 5,070,490 | 4,819,065 |
| IV          | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         |
| BR          | 91,503    | 68,541    | 57,204    | 460,488   | 226,529   | 138,207   | 105,640   | 77,721    | 49,428    | 33,007    | 46,615    | 60,917    |
| COMBO       |           |           |           |           |           |           |           |           |           |           |           |           |
| I           | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         | 3,999,759 | 5,071,729 |
| II          | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         | 3,720,089 | 4,612,518 |
| III         | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         | 3,656,495 | 4,356,169 |
| D.P.T       |           |           |           |           |           |           |           |           |           |           |           |           |
| I           | 4,739,559 | 4,698,422 | 5,070,103 | 4,693,198 | 4,688,768 | 4,558,086 | 4,768,665 | 4,427,751 | 4,581,347 | 5,275,075 | 1,710,723 | -         |
| II          | 4,212,948 | 4,162,716 | 4,530,162 | 4,140,534 | 4,175,545 | 4,038,630 | 4,227,754 | 4,025,465 | 4,126,599 | 4,886,576 | 1,523,243 | -         |
| III         | 3,935,580 | 3,831,296 | 4,273,184 | 3,918,198 | 4,112,538 | 3,795,573 | 3,982,974 | 3,839,571 | 3,918,794 | 4,756,441 | 1,479,364 | -         |
| BR          | 89,295    | 63,407    | 169,623   | 44,768    | 46,518    | 22,626    | 5,959     | 2,418     | 105       | 284       | 55        | -         |
| T.T         |           |           |           |           |           |           |           |           |           |           |           |           |
| I           | 3,732,952 | 3,861,395 | 4,282,256 | 4,091,473 | 4,179,310 | 4,678,265 | 3,590,786 | 3,391,488 | 4,539,131 | 4,069,365 | 3,877,897 | 4,307,085 |
| II          | 2,911,654 | 3,037,436 | 3,324,650 | 3,273,906 | 3,286,376 | 3,539,711 | 2,969,663 | 2,649,564 | 2,857,932 | 3,133,454 | 3,048,345 | 3,384,967 |
| III         | 1,097,745 | 1,025,006 | 1,056,394 | 928,086   | 868,820   | 1,278,078 | 1,423,277 | 765,268   | 793,128   | 894,639   | 810,023   | 865,694   |
| IV          | 446,040   | 425,544   | 484,999   | 318,464   | 310,995   | 310,448   | 337,968   | 292,941   | 519,086   | 286,368   | 239,055   | 279,024   |
| V           | 250,960   | 219,993   | 308,483   | 152,336   | 163,747   | 159,402   | 163,699   | 131,888   | 157,382   | 176,530   | 141,288   | 152,080   |
| MEASLES     | 4,242,400 | 4,149,778 | 4,794,410 | 4,277,466 | 4,546,632 | 4,105,614 | 4,163,032 | 4,124,958 | 4,387,211 | 5,050,347 | 5,386,101 | 5,277,766 |

- not available

Source: Ministry of Health

B.C.G. Bacillus+Calamus+Guerin

D.P.T Diphteira+Perussia+Tetanus

T.T Tetanus Toxoid

Note: The DPT from the year 2007 onward has discontinued and is replaced by Combo - a combination of DPT and HBV

TABLE 11.4

## DOCTOR CONSULTING FEE IN VARIOUS CITIES

| Period                                    | (In rupees)     |                 |                |                |         |        |               |        |                 |        |         |       |
|---|-----------------|-----------------|----------------|----------------|---------|--------|---------------|--------|-----------------|--------|---------|-------|
|   | Faisal-<br>abad | Gujran-<br>wala | Hyder-<br>abad | Islam-<br>abad | Karachi | Lahore | Pesha-<br>war | Quetta | Rawal-<br>pindi | Sukkur | Average |       |
| November                                  | 73              | 10.00           | 10.00          | 10.00          | 15.00   | 15.00  | 10.00         | 20.00  | 10.00           | 15.00  | 10.00   | 12.50 |
| "   | 74              | 15.00           | 15.00          | 20.00          | 18.75   | 20.00  | 15.00         | 20.00  | 17.50           | 20.00  | 16.00   | 17.73 |
| "   | 75              | 20.00           | 15.00          | 20.00          | 20.00   | 25.00  | 15.00         | 20.00  | 25.00           | 22.50  | 17.50   | 20.00 |
| "   | 76              | 20.00           | 20.00          | 23.75          | 23.75   | 27.75  | 17.50         | 23.13  | 28.13           | 27.19  | 20.00   | 23.12 |
| "   | 77              | 20.00           | 20.00          | 28.75          | 35.00   | 25.00  | 20.00         | 25.00  | 35.00           | 35.00  | 20.00   | 26.38 |
| "   | 78              | 20.00           | 20.00          | 32.14          | 22.50   | 34.00  | 20.00         | 33.13  | 40.00           | 35.00  | 20.00   | 27.68 |
| "   | 79              | 40.00           | 20.00          | 33.75          | ..      | 48.00  | 28.33         | 35.00  | 35.00           | 45.00  | 35.00   | 32.01 |
| "   | 80              | 40.00           | 32.00          | 35.00          | 50.00   | 54.44  | 47.50         | 37.50  | 37.50           | 50.00  | 35.00   | 41.89 |
| "   | 81              | 70.00           | 32.00          | 36.00          | 50.00   | 60.00  | 47.50         | 50.00  | 32.50           | 50.00  | 25.00   | 45.30 |
| "   | 82              | 30.00           | 32.00          | 50.00          | 60.00   | 60.00  | 50.00         | 12.00  | 37.50           | 50.00  | 40.00   | 42.15 |
| "   | 83              | 50.00           | ..             | 58.75          | 60.00   | 60.00  | 50.00         | 12.00  | 37.50           | 50.00  | 50.00   | 42.83 |
| AVERAGE DOCTOR CALL FEE IN VARIOUS CITIES |                 |                 |                |                |         |        |               |        |                 |        |         |       |
| "   | 84              | 20.00           | 20.00          | 45.00          | 55.00   | 36.11  | 10.00         | 15.63  | 45.00           | 50.00  | 50.00   | 34.67 |
| "   | 85              | 20.00           | 32.00          | 55.00          | 50.00   | 30.00  | 10.00         | 20.00  | 45.00           | 50.00  | 35.00   | 34.70 |
| "   | 86              | 20.00           | 32.00          | 55.00          | 50.00   | 26.39  | 14.17         | 20.00  | 45.00           | 50.00  | 30.00   | 34.26 |
| "   | 87              | 20.00           | 32.00          | 55.00          | 26.25   | 26.70  | 24.29         | 20.00  | 46.25           | 25.42  | 30.00   | 30.59 |
| "   | 88              | 20.00           | 32.00          | 50.00          | 26.25   | 26.54  | 24.29         | 20.00  | 67.00           | 25.42  | 30.00   | 32.15 |
| "   | 89              | 48.33           | 32.00          | 50.00          | 26.88   | 25.91  | 24.29         | 20.00  | 67.00           | 25.42  | 30.00   | 34.98 |
| "   | 90              | 51.67           | 32.50          | 50.00          | 26.88   | 26.54  | 30.00         | 22.50  | 57.00           | 25.83  | 35.00   | 35.79 |
| "   | 91              | 42.00           | 32.50          | 50.00          | 27.50   | 27.09  | 24.64         | 22.50  | 60.00           | 26.67  | 40.00   | 35.29 |
| "   | 92              | 31.67           | 32.50          | 66.67          | 27.50   | 26.49  | 24.64         | 22.50  | 52.50           | 29.17  | 75.00   | 38.86 |
| "   | 93              | 32.54           | 43.75          | 80.00          | 27.50   | 28.85  | 27.14         | 27.50  | 52.50           | 29.17  | 75.00   | 42.40 |
| "   | 94              | 32.50           | 40.00          | 65.00          | 27.50   | 31.00  | 24.64         | 30.00  | 82.50           | 29.17  | 70.00   | 43.23 |
| "   | 95              | 37.50           | 40.00          | 65.71          | 27.50   | 32.24  | 30.00         | 30.00  | 90.00           | 30.00  | 75.00   | 45.79 |
| "   | 95              | 30.00           | 40.00          | 53.00          | 32.50   | 31.88  | 27.86         | 30.00  | 80.00           | 30.00  | 55.00   | 41.02 |
| "   | 97              | 35.00           | 40.00          | 46.25          | 32.50   | 31.88  | 27.86         | 30.00  | 80.00           | 30.83  | 60.00   | 41.43 |
| "   | 98              | 35.00           | 40.00          | 33.75          | 33.44   | 31.60  | 33.21         | 30.00  | 107.50          | 30.00  | 30.00   | 40.45 |
| "   | 99              | 35.00           | 40.00          | 33.75          | 33.44   | 32.17  | 33.93         | 30.00  | 107.50          | 31.25  | 30.00   | 40.75 |
| "   | 2000            | 40.00           | 40.00          | 33.75          | 33.13   | 32.40  | 38.93         | 30.00  | 107.50          | 32.92  | 30.00   | 41.86 |
| "   | 2001            | 40.00           | 40.00          | 33.75          | 33.13   | 33.00  | 41.96         | 43.33  | 107.50          | 33.75  | 30.00   | 43.64 |
| "   | 2002            | 40.00           | 50.00          | 30.00          | 33.13   | 35.00  | 41.25         | 43.33  | 95.00           | 33.96  | 30.00   | 43.17 |
| "   | 2003            | 40.00           | 50.00          | 31.25          | 45.00   | 36.35  | 41.96         | 50.00  | 100.00          | 38.75  | 30.00   | 46.33 |
| "   | 2004            | 41.25           | 50.00          | 33.00          | 45.00   | 36.25  | 41.96         | 50.00  | 100.00          | 38.75  | 30.00   | 46.62 |
| "   | 2005            | 41.25           | 50.00          | 33.75          | 46.25   | 38.08  | 44.29         | 50.00  | 100.00          | 42.08  | 30.00   | 47.57 |
| "   | 2006            | 41.25           | 50.00          | 33.75          | 55.00   | 41.73  | 52.68         | 50.00  | 100.00          | 43.75  | 50.00   | 51.81 |
| "   | 2007            | 43.75           | 50.00          | 50.00          | 55.00   | 55.00  | 52.68         | 50.00  | 120.00          | 43.75  | 75.00   | 59.52 |
| "   | 2008            | 75.00           | 65.00          | 50.00          | 75.00   | 80.00  | 63.21         | 100.00 | 130.00          | 61.67  | 75.00   | 77.49 |

Source: Federal Bureau of Statistics, Monthly Statistical Bulletins.

" Not available