

Location	Subject	Year	Value	Source	Note
National	Emission of carbon dioxide (Metric tons)	1995	85400000	7	
	Annual withdrawal of surface water (cubic km)	1991	155.6	9	
	Length of marine coast line (Kilometers)	1998	1046	4	Year indicates year of publication of CES
	Total mangrove coverage (Hectares)	1996	73000	4	
	Percent of urban population in large coastal cities (Percent)	1990	34	1	
	Annual Catches of marine species (Metric Tons)	1994	418600	4	Base year 1980
		1995	405500	4	Base year 1980
		1996	395300	4	Base year 1980
	Geographical area (Hectares)	1995-96	79610000	4	
	Cultivable land (Hectares)	1993-94	21510000	4	area surveyed and reported
		1994-95	21550000	4	area surveyed and reported
		1995-96	21540000	4	area surveyed and reported
	Barren and uncultivable land (Hectares)	1993-94	24430000	4	area surveyed and reported
		1994-95	24440000	4	area surveyed and reported
		1995-96	24430000	4	area surveyed and reported
	Pasture and grazing land (Hectares)	1992-94	5000000	9	permanent pasture
	Cultivable waste land (Hectares)	1993-94	8740000	4	area surveyed and reported
		1994-95	8910000	4	area surveyed and reported
		1995-96	8920000	4	area surveyed and reported
	Wetlands (Square km)	1989	8600	6	Wetland of international importance
	Irrigated agricultural land (Hectares)	1994-95	17200000	4	
		1995-96	17580000	4	
		1996-97	17850000	4	
	Fertiliser consumption (Tons)	1990-91	1893000	4	Total nutrient
		1991-92	1884000	4	Total nutrient
		1992-93	2148000	4	Total nutrient
	Pesticide use (Metric Tons)	1990	14742	4	
		1995	43373	4	
		1996	43219	4	
	Area affected by soil erosion (Hectares)	1989	15500000	6	Degraded land
	Protected land area as % of total land area (Percent)	1994	4.8	8	
		1997	4.8	9	All protected areas (IUCN categories I - IV)
	Threatened/Endangered floral species (Number)	1992	14	6	
	Threatened/Endangered faunal species (Number)	1992	46	6	mammals, birds, reptiles, amphibians, and fishes
	Total forest area (Hectares)	1990	2023000	9	
		1995	1748000	9	
	Deforestation rate (Percent)	1990-95	2.9	9	Yearly average
	Afforestation rate (Hectares)	1990-91	22100	4	
		1995-96	19100	4	
		1996-97	19900	4	
	Protected forest area (Hectares)	1980	15000	9	
	Annual energy use (Tonnes of oil equivalent/year)	1991-93	19987506	4	
Annual energy use (Petajoules)	1995	1692	9		
Annual power generation (GWH)	1994-95	53022.02	4	Total electricity generation	
	1995-96	56451.17	4	Total electricity generation	
	1996-97	58760.9	4	Total electricity generation	

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	Depletion of natural resources (fuel wood) (m3 per year)	1990	22651000	4	
		1992	24226000	4	
		1993	24869000	4	
	Total population (Number)	1981	84253000	4	
		1990	118000000	6	
	Total urban population (Number)	1981	23840000	4	
		1990	37760000	6	
	Total rural population (Number)	1981	60413000	4	
		1990	80240000	6	
	Rate of growth of urban population (Percent)	1980-90	3.9	6	
	Population below poverty line (Percent)	1981-95	11.6	8	people living on less than \$1 a day purchasing power parity
	Population with access to safe drinking water facility in urban area (percent)	1988-91	80	3	
		1996-97	90	4	
	Population with access to safe drinking water facility in rural area (Percent)	1988-91	45	3	
		1996-97	75	4	
	Population with sanitary facilities in urban areas (Percent)	1988-91	55	3	
	Population with sanitary facilities in rural areas (Percent)	1988-91	10	3	
	Motor vehicles per thousand habitants (Number)	1981	14.11	4	
		1990	22.99	4	
	Frequency of occurrence of flood (Number)	1964-86	8	6	
Frequency of occurrence of cyclone (Number)	1964-86	4	6		
Frequency of occurrence of earthquake (Number)	1964-86	3	6		
Environmental acts promulgated for preservation of natural resources	1986	Yes	5	National Conservation Strategy	
Environmental guidelines formulated for EIA		Yes	2	Year not indicated	
Programmes of environment statistics, indicators, and accounting	1995	Yes	4		
BRB Ravi Syphon, river Ravi	Concentration of BOD (Milligram per liter)	1996	1.8	4	One time data
	Concentration of COD (Milligram per liter)		6.5	4	One time data
	Concentration of lead (Milligram per liter)	1997	0	4	Not Detectable
	Concentration of cadmium (Milligram per liter)	1997	0	4	Not Detectable
	Concentration of mercury (Milligram per liter)	1997	0	4	Not Detectable
	Coliform count (MPN/100 ml)	1996	2600	4	One time data
	Concentration of suspended solids (Milligram per liter)	1996	142	4	One time data
Faisalabad, industrial area	Concentration of sulphur dioxide (ppb)	1996	5.5	4	Based on 24 hourly sampling
	Concentration of nitrogen oxides (ppb)	1996	30.2	4	Based on 24 hourly sampling
	Concentration of suspended particulate matter (UG/M3)	1996	685	4	Based on 24 hourly sampling
	Concentration of ozone (ppb)	1996	26.7	4	Based on 24 hourly sampling
Faisalabad, residential area	Concentration of sulphur dioxide (ppb)	1996	4.2	4	Based on 24 hourly sampling
	Concentration of nitrogen oxides (ppb)	1996	17.3	4	Based on 24 hourly sampling
	Concentration of suspended particulate matter (UG/M3)	1996	560	4	Based on 24 hourly sampling
	Concentration of ozone (ppb)	1996	22.2	4	Based on 24 hourly sampling
FG Jr Model School,	Concentration of nitrate (Milligram per liter)	1996	1.5	4	Frequency of monitoring not indicated
	Turbidity (Nephelometric Turbidity Unit)	1996	1.0	4	Frequency of monitoring not indicated
FG Margalla College,	Concentration of nitrate (Milligram per liter)	1997	2.8	4	Frequency of monitoring not indicated
	Turbidity (Nephelometric Turbidity Unit)	1997	0.8	4	Frequency of monitoring not indicated
IMC, Islamabad	Concentration of nitrate (Milligram per liter)	1997	1	4	Frequency of monitoring not indicated
	Turbidity (Nephelometric Turbidity Unit)	1997	0.5	4	Frequency of monitoring not indicated
Indus at Kotri	Concentration of BOD (Milligram per liter)	1985-87	4	9	Median value
	Coliform count (Number/100 ml)	1985-87	109	9	Median value, faecal coliform

Location	Subject	Year	Value	Source	Note
Karachi	Annual average maximum temperature (Degree Centigrade)	1994	32.4	4	Mean of maximum
		1995	32.7	4	Mean of maximum
		1996	32.1	4	Mean of maximum
	Annual average minimum temperature (Degree Centigrade)	1994	19.9	4	Mean of minimum
		1995	20.9	4	Mean of minimum
		1996	21	4	Mean of minimum
	Annual average maximum relative humidity (Percent)	1960-90	52-78	4	Yearly average relative humidity
	Annual total rainfall (Millimeter)	1994	482	4	Annual total
		1995	260	4	Annual total
		1996	108	4	Annual total
Labour Colony, Islamabad	Concentration of nitrate (Milligram per liter)	1996	0.3	4	Frequency of monitoring not indicated
	Turbidity (Nephelometric Turbidity Unit)	1996	1.0	4	Frequency of monitoring not indicated
Lahore	Annual average maximum temperature (Degree Centigrade)	1994	30.6	4	Mean of maximum
		1995	30	4	Mean of maximum
		1996	30.4	4	Mean of maximum
	Annual average minimum temperature (Degree Centigrade)	1994	18.9	4	Mean of minimum
		1995	18.5	4	Mean of minimum
		1996	18.5	4	Mean of minimum
	Annual average maximum relative humidity (Percent)	1960-90	42-87	4	Yearly average relative humidity
	Annual total rainfall (Millimeter)	1993	542	4	Annual total
		1994	827	4	Annual total
		1995	1296	4	Annual total
Lahore, industrial area	Concentration of sulphur dioxide (ppb)	1996	3.1	4	Based on 24 hourly sampling
	Concentration of nitrogen oxides (ppb)	1996	34.5	4	Based on 24 hourly sampling
	Concentration of suspended particulate matter (UG/M3)	1996	585	4	Based on 24 hourly sampling
	Concentration of ozone (ppb)	1996	34.3	4	Based on 24 hourly sampling
Lahore, residential area	Concentration of sulphur dioxide (ppb)	1996	2.3	4	Based on 24 hourly sampling
	Concentration of nitrogen oxides (ppb)	1996	21.3	4	Based on 24 hourly sampling
	Concentration of suspended particulate matter (UG/M3)	1996	470	4	Based on 24 hourly sampling
	Concentration of ozone (ppb)	1996	27.4	4	Based on 24 hourly sampling
Multan, industrial area	Concentration of sulphur dioxide (ppb)	1996	3.3	4	Based on 24 hourly sampling
	Concentration of nitrogen oxides (ppb)	1996	23.7	4	Based on 24 hourly sampling
	Concentration of suspended particulate matter (UG/M3)	1996	960	4	Based on 24 hourly sampling
	Concentration of ozone (ppb)	1996	20.2	4	Based on 24 hourly sampling
Multan, residential area	Concentration of sulphur dioxide (ppb)	1996	2.2	4	Based on 24 hourly sampling
	Concentration of nitrogen oxides (ppb)	1996	20.2	4	Based on 24 hourly sampling
	Concentration of suspended particulate matter (UG/M3)	1996	870	4	Based on 24 hourly sampling
	Concentration of ozone (ppb)	1996	21.2	4	Based on 24 hourly sampling
Peshawar	Annual average maximum temperature (Degree Centigrade)	1994	29.4	4	Mean of maximum
		1995	29.9	4	Mean of maximum
		1996	30.4	4	Mean of maximum
	Annual average minimum temperature (Degree Centigrade)	1994	15.5	4	Mean of minimum
		1995	14	4	Mean of minimum
		1996	15.7	4	Mean of minimum
	Annual average maximum relative humidity (Percent)	1960-90	42-71	4	Yearly average relative humidity
	Annual total rainfall (Millimeter)	1993	682	4	Annual total
		1994	618	4	Annual total
		1995	728	4	Annual total
Rawalpindi	Annual average maximum temperature (Degree Centigrade)	1994	28.2	4	Mean of maximum
		1995	28.3	4	Mean of maximum
		1996	28.6	4	Mean of maximum
	Annual average minimum temperature (Degree Centigrade)	1994	14.7	4	Mean of minimum
		1995	13.9	4	Mean of minimum
		1996	14.2	4	Mean of minimum
	Annual total rainfall (Millimeter)	1993	1698	4	Annual total
		1994	1501	4	Annual total
1995		1339	4	Annual total	

Location	Subject	Year	Value	Source	Note
Sialkot, industrial area	Concentration of sulphur dioxide (ppb)	1996	2.1	4	Based on 24 hourly sampling
	Concentration of nitrogen oxides (ppb)	1996	13.2	4	Based on 24 hourly sampling
	Concentration of suspended particulate matter (UG/M3)	1996	275	4	Based on 24 hourly sampling
	Concentration of ozone (ppb)	1996	23.2	4	Based on 24 hourly sampling
Sialkot, residential area	Concentration of sulphur dioxide (ppb)	1996	1.8	4	Based on 24 hourly sampling
	Concentration of nitrogen oxides (ppb)	1996	10.3	4	Based on 24 hourly sampling
	Concentration of suspended particulate matter (UG/M3)	1996	210	4	Based on 24 hourly sampling
	Concentration of ozone (ppb)	1996	21.7	4	Based on 24 hourly sampling

Sources

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