

## CORE ENVIRONMENT INDICATORS

Item	2002	2003	2004	2005	2006	2007
<b>Climate</b>						
Mean yearly temperature (Degree celsius)	27.6	27.5	27.5	27.7	27.6	27.3
Mean yearly rainfall (mm.)	1,607.9	1,525.9	1,438.3	1,579.3	1,674.9	1,763
Mean yearly relative humidity (Percent)	77	76	75	76	77	91
<b>Natural disasters</b>						
<b>Flood</b>						
- No. of occurrences	5	17	12	12	6	...
- Value of assets loss (M. baht)	13,385.3	2,066.1	850.7	5,982.3	9,627.4	...
<b>Typhoon</b>						
- No. of occurrences	594	3,213	3,834	1,313	1,883	...
- Value of assets loss (M. baht)	213.3	457.4	398.4	148.9	92.2	...
<b>Drought</b>						
- No. of population in trouble (1,000 Persons)	12,658.3	5,939.3	8,388.7	11,147.6	11,045.5	5,241.2
- Value of assets loss (M. baht)	330.8	174.3	190.7	7,565.9	166.8	..
<b>Forest Fire</b>						
- Total forest fire area (1,000 Rai)	871.2	98.5	201.8	189.3	53.9	117.4
<b>Air pollution</b>						
Emissions per GDP at 1998 prices (Gramme/baht)						
- Carbon Dioxide (CO <sub>2</sub> )	50.4	49.4	50.4	49.4	46.6	...
- Nitrogen Oxide (NO <sub>x</sub> )	0.2	0.2	0.2	0.23	0.21	...
- Sulfur Dioxide (SO <sub>2</sub> )	0.1	0.1	0.1	0.1	0.1	...
Air quality on road side in Bangkok (Average)						
- Total Suspended Particulate Matter (24 hrs.) (mg./cu.m)	0.2	0.2	0.2	0.2	0.1	0.1
- Suspended Particulate Matter PM-10 (24 hrs) (microgramme/cu.m)	57.8	61.4	78.5	64.1	63.7	60.0
- Carbonmonoxide (8 hrs.) (ppm)	1.9	2.0	1.7	1.5	1.3	1.3
- Ozone (1 hr.) (ppb)	8.8	11.8	12.4	13.9	12.3	11.6
- Sulfurdioxide (1 hrs.) (ppb)	7.7	7.1	7.0	7.5	6.2	5.4

## CORE ENVIRONMENT INDICATORS (CONTD.)

Item	2002	2003	2004	2005	2006	2007
<b>Waste</b>						
Nationwide waste (1,000 Tons)	14,317.1	14,322.6	14,583.9	14,314.6	14,595.6	...
- In Bangkok (%)	24.5	23.8	23.4	21.1	21.0	...
- Municipality and Mueang Pattaya (%)	30.5	30.8	31.3	32.2	32.3	...
- Non - municipality (%)	45.0	45.4	45.3	46.6	46.8	...
Quantity of hazardous waste (1,000 Tons)	1,780	1,800	1,808	1,814	1,832	...
- Industrial hazardous waste (%)	78.7	77.7	77.7	77.7	77.7	...
- Domestic hazardous waste (%)	21.3	22.2	22.3	22.3	22.3	...
<b>Human settlements</b>						
Number of population (1,000 Person)						
- Whole Kingdom	62,799.9	63,079.7	61,973.6	62,418.1	62,828.7	63,038.2
- Bangkok	5,782.2	5,844.8	5,634.1	5,654.0	5,696.0	5,716.2
- Central	14,840.1	14,987.0	14,797.1	15,030.6	15,264.7	11,409.2
- North	12,152.5	12,033.6	11,842.3	11,883.5	11,890.8	11,871.9
- Northeast	21,609.2	21,659.7	21,267.4	21,328.1	21,376.8	21,385.6
- South	8,415.9	8,499.8	8,432.7	8,516.9	8,600.4	8,654.8
Density of population (Person/Km <sup>2</sup> )						
- Whole Kingdom	122	123	121	122	122	123
- Bangkok	3,636	3,734	3,592	3,607	3,639	3,644
Increasing rate of house (%)						
- Whole Kingdom	2.4	3.4	3.2	3.2	3.0	2.6
- Bangkok	1.8	2.9	1.5	2.0	2.8	2.6
Real Gross Regional Product per Capita						
At 1988 prices (Baht)						
- Whole Kingdom	51,265	54,484	57,416	59,468	62,116	...
- Bangkok	142,165	145,642	153,602	157,789	159,254	...
Population rate per 1 Physician	3,583	3,484	3,276	3,193	...	...
Population rate per 1 Dentist	17,675	17,221	15,009	14,954	...	...
Live births rate per 1,000 population	12.5	11.8	13.0	13.0	12.7	...
Deaths rate per 1,000 population	6.1	6.1	6.3	6.4	6.2	...
Infant deaths rate (Age below 1 year)	6.5	7.2	7.5	7.6	7.4	...
per 1,000 live births						
Maternal deaths rate per 100,000 live births	14.7	13.7	13.3	12.2	11.7	...

## CORE ENVIRONMENT INDICATORS (CONTD.)

Item	2002	2003	2004	2005	2006	2007
Mortality rate per 100,000 population by cause of death						
- Malignant neoplasm, all forms	73.3	78.9	81.3	81.4	83.1	...
- Accident and poisonings	55.3	56.9	58.9	57.6	59.8	...
- Disease of the heart	24.6	27.7	26.8	28.2	28.4	...