

TECHNICAL NOTES

(based on Human Development Report 2001 & 2004)

The human development index (HDI)

The HDI is a summary measure of human development. It measures the average achievement in a country in three basic dimensions of human development, namely, *Longevity*, as measured by life expectancy at birth; *Knowledge*, as measured by basic enrollment ratio (or enrolment ratio of children 7 to 16 years old), high-school graduate ratio and functional literacy rate; *Standard of living*, as measured by real income per capita (per capita income 1997 NCR in pesos and per capita income in PPP US\$). For this report, there are two HDIs computed: HDI-1 for **interprovincial** comparisons and HDI-2 for **international** comparisons, that is, for comparing provinces with other countries.

Before the HDI itself is calculated, an index needs to be created for each of these dimensions. To calculate these dimension indices—the life expectancy, education, and income indices—minimum and maximum values (goalposts) are chosen for each underlying indicator. Goalposts are determined by the maximum and minimum values used in the recent Global HDI. Except for income indicator for HDI-1, the maximum and minimum values are not fixed exogenous values as in the Global HDI but are instead what are actually observed from the data. The reason for not using the Global HDI maximum (and by association the minimum) for income is that the maximum seems to represent too high a goalpost. Hence, deflating 2003 and 2000 per capita income figures to 1997 prices, maximum and minimum

values for real per capita income (pesos) are utilized.

Performance in each dimension is expressed as a value between 0 and 1 by applying the following general formula:

$$\text{Dimension} = \frac{\text{actual value} - \text{minimum value}}{\text{maximum value} - \text{minimum value}}$$

The HDI is then calculated as a simple average of the dimension indices. We illustrate the calculation of the HDI for a sample province below.

Goalposts for calculating the HDI

Indicator	Maximum value	Minimum value
Life expectancy at birth (years)	85	25
Basic enrollment ratio (%)	100	0
High school graduate ratio (%) [for HDI-1]	100	0
Functional literacy rate [for HDI-2]	100	0
Real per capita income (Pesos) [for HDI-1]	46,837 (NCR per capita income 1997)	7,675 (Sulu per capita income 2000)
Real per capita income (PPP US\$) [for HDI-2]	40,000	100

Calculating the HDI

The illustration of the calculation of the HDI uses data for Benguet.

1. Calculating the life expectancy index

The life expectancy index measures the relative achievement of a country in life expectancy at birth. To obtain the life expectancy figures for this report, a straight-line regression

was done using the gender-differentiated life expectancy figures for 1970, 1980, 1990, and 1995 obtained from Flieger and Cabigon (1994 and 1999), and this was projected to 1997, 2000 and 2003. The life expectancy in a province is assumed to be just the simple average of the male and the female life expectancies. For Benguet, with an estimated life expectancy of 70.1 in 2003, the life expectancy index is 0.751.

$$\text{Life expectancy index} = \frac{70.1 - 25}{85 - 25} = 0.751$$

2. Calculating the education index

The education index measures a country's relative achievement in education. For HDI-1, calculations of index for basic enrollment ratio and the high-school graduate ratio are done, giving a greater weight on the latter.

To get the index for the *Basic Enrollment Ratio*, two variables are created: elementary and high school variable, to represent the age (7-16 yrs old) and current grade attended (from grade 1-4th year secondary), respectively. The elementary and high school variable is divided by the total elementary and high school variable, respectively, to get the basic enrollment ratio. On the other hand, to get the index for the *High-School Graduate Ratio*, high school graduate variable (fourth year high school graduate ages 18 yrs old and above) is divided by the total population ages 18 yrs old and above.

For HDI-2, the functional literacy rate replaces the high-school graduate ratio, using the same above computation. For Benguet, with a basic enrollment rate of 94.8 percent, a high-school graduate ratio of 0.653, and functional literacy of 0.891, Education Index-1 (for HDI-1) is 0.751 and Education Index -2 (for HDI-2) is 0.910.

$$\text{Basic enrollment index} = \frac{94.8 - 0}{100 - 0} = 0.948$$

$$\text{High school graduate index} = \frac{65.3 - 0}{100 - 0} = 0.653$$

$$\text{Functional literacy index} = \frac{89.1 - 0}{100 - 0} = 0.891$$

$$\begin{aligned} \text{Education Index -1} &= 1/3 (\text{Basic enrolment index}) + 2/3 (\text{High school graduate index}) \\ &= 1/3 (0.948) + 2/3 (0.653) \\ &= 0.751 \end{aligned}$$

$$\begin{aligned} \text{Education Index -2} &= 1/3 (\text{Basic enrolment index}) + 2/3 (\text{Functional literacy index}) \\ &= 1/3 (0.948) + 2/3 (0.891) \\ &= 0.910 \end{aligned}$$

3. Calculating the real per capita income index

The Income Index is calculated using adjusted per capita income figures obtained from the Family Income and Expenditures Survey. In the HDI, income serves as a surrogate for all the dimensions of human development not reflected in a long and healthy life and in knowledge.

To compute for Income Index-1 (for HDI-1), the per capita income figures are first deflated to 1997 prices using the National Statistics Office's regional consumer price indices to make them consistent over time, and then adjusted further using the provincial cost-of-living indices derived by Balisacan [2000] to make them consistent across space. Subsequently, the adjusted per capita income figure is subtracted from the highest adjusted per capita income from the years 1997, 2000 and 2003 and divided by the difference of highest adjusted per capita income and lowest adjusted per capita income from the years 1997, 2000 and 2003.

To compute for Income Index-2 (for HDI-2), the (unadjusted) per capita income figures are converted to purchasing power parity (PPP) US\$ by multiplying the per capita income figures to the quotient of the exchange rate implicit in the 2004 *Human Development Report* and Peso GDP 2003. The Income Index-2 is based on a scale defined by a

minimum income of PPPUS\$100 and a maximum of PPPUS\$40,000. First, the gap between a province's PPPUS\$ income and the minimum income of PPPUS\$100 is computed as the difference between their logarithms. This difference is then taken as a proportion of the gap between the maximum income of PPPUS\$, and the minimum income of PPPUS\$100, again taken as the difference between their logarithms.

For Benguet, with a real per capita income in pesos of 35,530 (for provincial comparisons) and in PPPUS\$ of 3,600 (for comparison with other countries), Income Index-1 is 0.711 and Income Index-2 is 0.598.

$$\text{Income index-1} = \frac{35,530 - 7,675}{46,837 - 7,675} = 0.711$$

$$\text{Income index-2} = \frac{\log(3,600) - \log(100)}{\log(40,000) - \log(100)} = 0.598$$

4. Calculating the HDI

Once the dimension indices have been calculated, determining the HDI is straightforward. It is the simple average of the three dimension indices.

$$\begin{aligned} \text{HDI-1} &= 1/3 (\text{lfe expectancy index}) + 1/3 (\text{education index-1}) + \\ &\quad 1/3 (\text{income index-1}) \\ &= 1/3 (0.751) + 1/3 (0.751) + 1/3 (0.711) \\ &= \mathbf{0.738} \end{aligned}$$

$$\begin{aligned} \text{HDI-2} &= 1/3 (\text{lfe expectancy index}) + 1/3 (\text{education index-2}) + \\ &\quad 1/3 (\text{income index-2}) \\ &= 1/3 (0.751) + 1/3 (0.910) + 1/3 (0.598) \\ &= \mathbf{0.753} \end{aligned}$$

The gender-related development index (GDI)

While the HDI measures average achievement, the GDI adjusts the average achievement to reflect the *inequalities* between men and women in the following dimensions as the HDI. Two GDI indices are computed in this report, GDI-1 and GDI-2, corresponding to HDI-1 and HDI-2.

The calculation of the GDI involves three steps. First, female and male indices in each dimension are calculated according to this general formula:

$$\text{Dimension} = \frac{\text{actual value} - \text{minimum value}}{\text{maximum value} - \text{minimum value}}$$

Second, the female and male indices in each dimension are combined in a way that penalizes differences in achievement between men and women. The resulting index, referred to as the equally distributed index, is calculated according to this general formula:

$$\begin{aligned} \text{Equally distributed index} &= \{ \{ \text{female population share} (\text{female index}^{\epsilon}) \} \\ &\quad + \{ \text{male population share} (\text{male index}^{\epsilon}) \} \}^{1/\epsilon} \end{aligned}$$

ϵ measures the aversion to inequality. In the GDI $\epsilon = 2$. Thus the general equation becomes:

$$\begin{aligned} \text{Equally distributed index} &= \{ \{ \text{female population share} (\text{female index}^2) \} \\ &\quad + \{ \text{male population share} (\text{male index}^2) \} \}^{-1} \end{aligned}$$

which gives the harmonic mean of the female and male indices.

Third, the GDI is calculated by combining the three equally distributed indices in an unweighted average.

Goalposts for calculating the GDI

Indicator	Maximum value	Minimum value
Female life expectancy at birth (years)	87.5	27.5
Male life expectancy at birth (years)	82.5	22.5
Basic enrollment ratio (%)	100	0
High-school graduate ratio (%) for GDI-1	100	0
Functional literacy rate for GDI-2	100	0
Estimated earned income (Pesos) for GDI-1	55,778 (NCR male estimated earned income 1997)	4,000*
Estimated earned income (PPP US\$) for GDI-2	40,000	100

**somewhat arbitrary and simply chosen so as to be less than value for minimum income province, to ensure that GDI-1 is defined for all provinces*

Calculating the GDI

The illustration of the calculation of the GDI uses data for Benguet.

1. Calculating the equally distributed life expectancy index

The first step is to calculate separate indices for female and male achievements in life expectancy, using the general formula for dimension indices.

FEMALE	MALE
Life expectancy: 73.1 years	Life expectancy: 67.0 years
Life expectancy = $\frac{73.1 - 27.5}{87.5 - 27.5} = 0.760$	Life expectancy = $\frac{67.0 - 22.5}{82.5 - 22.5} = 0.741$

Next, the female and male indices are combined to create the equally distributed life expectancy index, using the general formula for equally distributed indices. The male and female population shares are obtained from the 2003 Labor Force Surveys.

FEMALE	MALE
Population share: 0.511	Population share: 0.489
Life expectancy index: 0.760	Life expectancy index: 0.741

$$\text{Equally distributed life expectancy index} = \{[0.511 (0.760^{-1})] + [0.489 (0.741^{-1})]\}^{-1} = 0.751$$

2. Calculating the equally distributed education index

First, indices for the basic enrollment rate, the high-school graduate ratio, and the functional literacy rate are calculated separately for females and males. Calculating these indices is straightforward since the indicators used are already normalized between 0 and 100.

FEMALE	MALE
Basic enrollment rate: 92.0	Basic enrollment rate: 98.2
Basic enrollment index: 0.920	Basic enrollment index: 0.982
High-school graduate ratio: 68.7	High-school graduate ratio: 61.7
High-school graduate index: 0.687	High-school graduate index: 0.617
Functional literacy rate: 91.2	Functional literacy rate: 87.0
Functional literacy index: 0.912	Functional literacy index: 0.870

Second, the education indices are computed separately for females and males. Note that the the computation for female education index and male education index are the same with the HDI computation of indices.

$$\text{Female education index-1} = 1/3 (0.920) + 2/3 (0.687) = 0.765$$

$$\text{Male education index-1} = 1/3 (0.982) + 2/3 (0.617) = 0.739$$

$$\text{Female education index-2} = 1/3 (0.920) + 2/3 (0.912) = 0.915$$

$$\text{Male education index-2} = 1/3 (0.982) + 2/3 (0.870) = 0.907$$

Finally, the female and male education indices are combined to create the equally distributed education index:

FEMALE	MALE
Population share: 0.511	Population share: 0.489
Education index-1: 0.765	Education index-1: 0.739
Education index-2: 0.915	Education index-2: 0.907

$$\text{Equally distributed education index-1} = \{[0.511 (0.765^{-1})] + [0.489 (0.739^{-1})]\}^{-1} = 0.752$$

$$\text{Equally distributed education index-2} = \{[0.511 (0.915^{-1})] + [0.489 (0.907^{-1})]\}^{-1} = 0.911$$

3. Calculating the equally distributed income index

First, female and male earned incomes are estimated. This is done by getting the female and male shares in total income from the salary and wage variable of APIS 2002. Next, multiply these by the real per capita income figures in the HDI table. After getting the product, it should be divided by the female and male population [from Labor Force Survey 2003].

As there are two income figures (one for provincial and another for international comparisons), there are also two equally distributed income indices. The income indices are calculated for each gender.

FEMALE

$$\text{Income index-1} = \frac{18,091 - 4,000}{55,778 - 4,000} = 0.272$$

$$\text{Income index-2} = \frac{\log(2,076) - \log(100)}{\log(40,000) - \log(100)} = 0.506$$

MALE

$$\text{Income index-1} = \frac{45,734 - 4,000}{55,778 - 4,000} = 0.806$$

$$\text{Income index-2} = \frac{\log(5,249) - \log(100)}{\log(40,000) - \log(100)} = 0.661$$

Second, the female and male income indices are combined to create the equally distributed income index:

FEMALE

Population share: 0.511
Income index-1: 0.272
Income index-2: 0.506

MALE

Population share: 0.489
Income index-1: 0.806
Income index-2: 0.661

$$\text{Equally distributed income index-1} = \{[0.511 (0.272^{-1})] + [0.489 (0.806^{-1})]\}^{-1} = \mathbf{0.403}$$

$$\text{Equally distributed income index-2} = \{[0.511 (0.506^{-1})] + [0.489 (0.661^{-1})]\}^{-1} = \mathbf{0.572}$$

4. Calculating the GDIs

Calculating the GDI is straightforward. It is simply the unweighted average of the three component indices—the equally distributed life expectancy index, the equally distributed education index and the equally distributed income index.

$$\begin{aligned} \text{GDI-1} &= 1/3 (\text{life expectancy index}) + 1/3 (\text{education index-1}) \\ &+ 1/3 (\text{income index-1}) \\ &= 1/3 (0.751) + 1/3 (0.752) + 1/3 (0.403) \\ &= \mathbf{0.635} \end{aligned}$$

$$\begin{aligned} \text{GDI-2} &= 1/3 (\text{life expectancy index}) + 1/3 (\text{education index-2}) \\ &+ 1/3 (\text{income index-2}) \\ &= 1/3 (0.751) + 1/3 (0.911) + 1/3 (0.572) \\ &= \mathbf{0.745} \end{aligned}$$

The Human Poverty Index for developing countries (HPI)

While the HDI measures average achievement, the HPI measures *deprivation* in the three basic dimensions of human development captured in the HDI:

■ **A long and healthy life**—vulnerability to death at a relatively early age, as measured by the probability at birth of not surviving to age 40. This was derived from

the 1995 *Gender-specific Life Tables for the Philippines, its Regions and Provinces* by Flieger and Cabigon.

■ **Knowledge**—exclusion from the world of reading and communications, as measured by the percentage of did not graduate from high school. This was obtained from the 2003 Labor Force Survey.

■ **A decent standard of living**—lack of access to overall economic provisioning, as measured by the percentage of the population not using improved water sources and the percentage of children under five who are underweight. These were obtained, respectively, from the 2003 FIES and the 2002 “Operation Timbang” of the National Nutrition Council.

Calculating the HPI

The illustration of the calculation of the HPI uses data for Benguet.

1. Measuring deprivation in a decent standard of living

An unweighted average of two indicators is used to measure deprivation in a decent standard of living.

$$\text{Unweighted average} = \frac{1}{2} (\text{population not using improved water sources}) + \frac{1}{2} (\text{underweight children under five})$$

For Benguet:

Population not using improved water sources (FIES 2003) = 28.0%

Unweighted children under five (Operation Timbang 2002) = 1.5%

$$\text{Unweighted average} = \frac{1}{2} (28.0) + \frac{1}{2} (1.5) = 14.7$$

2. Calculating the HPI

The formula for calculating the HPI is as follows

$$\text{HPI} = [1/3 P_1^\alpha + P_2^\alpha + P_3^\alpha]^{1/\alpha}$$

Where:

P_1 = Probability at birth of not surviving to age 40 (multiplied by 100)

P_2 = Functional illiteracy rate

P_3 = Unweighted average of population not using improved water sources and underweight children under age five

$\alpha = 3$

For Benguet

$$P_1 = 15.4$$

$$P_2 = 10.9$$

$$P_3 = 14.7$$

$$\text{HPI} = [1/3 (15.4^3 + 10.9^3 + 14.7^3)]^{1/3} = 13.7$$

Statistical annexes

Statistical Annex 1: Human Development Index 2003

HDI-1 Rank 2003	Province	Life expectancy at birth (years) 2003	%HS grad 2003 (18 and above)	Primary and high school enrollment rate (%) 2002	Per capita income (NCR 1997 pesos) 2003	Per capita income (PPP US\$) 2003	Life expectancy index
	Metro Manila	70.0	75.7	92.8	39,639	4,686	0.749
1	Benguet	70.1	65.3	94.8	35,530	3,600	0.751
2	Laguna	67.8	63.8	91.8	35,309	3,684	0.713
3	Batanes	65.5	76.3	96.9	32,181	3,988	0.675
4	Rizal	71.0	67.6	92.8	30,981	3,756	0.767
5	Cavite	70.5	66.6	93.3	31,101	3,650	0.759
6	Nueva Vizcaya	65.3	50.9	93.5	36,485	2,876	0.672
7	Pampanga	72.2	57.4	92.0	30,355	2,948	0.787
8	Bataan	69.7	62.7	91.7	29,916	2,942	0.745
9	Bulacan	71.4	56.4	90.3	28,779	3,059	0.774
10	Ilocos Norte	70.0	54.0	93.6	29,427	2,244	0.749
11	Tarlac	69.6	55.3	89.3	29,473	2,490	0.743
12	La Union	70.6	55.7	89.5	28,392	2,342	0.760
13	Misamis Oriental	69.7	58.1	94.3	27,427	2,045	0.745
14	Pangasinan	69.8	62.0	92.5	25,380	2,042	0.747
15	Zambales	67.7	60.9	94.7	26,497	2,512	0.711
16	Batangas	71.8	55.4	92.8	25,261	2,823	0.780
17	South Cotabato	68.2	52.1	90.7	28,716	2,223	0.721
18	Davao del Sur	71.1	49.4	90.5	27,311	2,158	0.768
19	Iloilo	69.4	53.5	91.1	25,154	2,064	0.740
20	Cebu	72.6	46.5	91.1	24,359	2,341	0.794
21	Quirino	62.6	39.4	90.6	32,062	2,228	0.627
22	Abra	63.2	49.5	91.9	28,329	1,976	0.636
23	Capiz	65.3	41.0	91.4	29,045	2,056	0.671
24	Ifugao	63.0	40.0	93.9	29,435	2,097	0.633
25	Ilocos Sur	66.0	51.8	92.1	24,490	2,102	0.683
26	Negros Occidental	70.1	45.7	90.8	23,343	1,792	0.752
27	Camiguin	64.6	48.1	93.6	25,512	2,110	0.660
28	Bukidnon	68.6	34.8	88.3	25,912	1,647	0.727
29	Isabela	68.4	46.5	90.5	22,282	2,010	0.723
30	North Cotabato	69.6	41.3	92.8	22,142	1,647	0.743
31	Davao del Norte	66.1	41.1	90.1	24,640	1,710	0.685
32	Agusan del Norte	65.1	48.8	93.4	22,822	1,682	0.668
33	Nueva Ecija	71.2	50.1	90.1	18,465	2,143	0.769
34	Camarines Sur	71.3	42.4	87.5	20,477	1,692	0.772
35	Zamboanga del Sur	68.2	40.4	90.4	22,573	1,730	0.721
36	Lanao del Norte	64.7	45.8	91.1	23,351	1,798	0.661
37	Antique	62.6	43.0	92.8	24,825	1,797	0.627
38	Aurora	63.3	52.3	92.2	21,310	2,000	0.638

Education Index I	Education Index II	Income Index I	Income Index II	HDI (I) 2003	HDI (II) 2003	Per capita income rank minus HDI rank1
0.814	0.941	0.816	0.642	0.793	0.777	
0.751	0.910	0.711	0.598	0.738	0.753	1
0.731	0.927	0.706	0.602	0.717	0.747	1
0.832	0.976	0.626	0.615	0.711	0.755	1
0.760	0.916	0.595	0.605	0.708	0.763	3
0.755	0.914	0.598	0.600	0.704	0.758	1
0.651	0.885	0.736	0.561	0.686	0.706	-5
0.689	0.889	0.579	0.565	0.685	0.747	1
0.724	0.927	0.568	0.564	0.679	0.745	1
0.677	0.901	0.539	0.571	0.663	0.749	5
0.672	0.867	0.555	0.519	0.659	0.712	2
0.666	0.814	0.557	0.537	0.655	0.698	-1
0.670	0.883	0.529	0.526	0.653	0.723	4
0.702	0.903	0.504	0.504	0.650	0.717	5
0.722	0.917	0.452	0.503	0.640	0.723	10
0.722	0.931	0.481	0.538	0.638	0.727	5
0.679	0.913	0.449	0.558	0.636	0.750	9
0.650	0.852	0.537	0.518	0.636	0.697	-2
0.631	0.825	0.501	0.513	0.634	0.702	1
0.661	0.848	0.446	0.505	0.616	0.698	7
0.613	0.865	0.426	0.526	0.611	0.728	10
0.565	0.837	0.623	0.518	0.605	0.661	-16
0.636	0.918	0.527	0.498	0.600	0.684	-5
0.578	0.825	0.546	0.505	0.598	0.667	-10
0.580	0.797	0.556	0.508	0.589	0.646	-13
0.653	0.849	0.429	0.508	0.588	0.680	4
0.607	0.859	0.400	0.482	0.586	0.697	7
0.633	0.878	0.455	0.509	0.583	0.682	-5
0.527	0.782	0.466	0.468	0.573	0.659	-7
0.612	0.867	0.373	0.501	0.569	0.697	8
0.585	0.789	0.369	0.468	0.566	0.666	8
0.574	0.834	0.433	0.474	0.564	0.664	-3
0.637	0.874	0.387	0.471	0.564	0.671	3
0.634	0.859	0.276	0.512	0.560	0.713	26
0.574	0.836	0.327	0.472	0.558	0.693	9
0.571	0.813	0.380	0.476	0.557	0.670	1
0.609	0.876	0.400	0.482	0.557	0.673	-4
0.596	0.819	0.438	0.482	0.554	0.643	-10
0.656	0.835	0.348	0.500	0.547	0.658	1

Statistical Annex 1

HDI-1 Rank 2003	Province	Life expectancy at birth (years) 2003	%HS grad 2003 (18 and above)	Primary and high school enrollment rate (%) 2002	Per capita income (NCR 1997 pesos) 2003	Per capita income (PPP US\$) 2003	Life expectancy index
39	Kalinga	62.5	42.3	94.1	24,038	1,608	0.626
40	Mt. Province	64.0	41.6	94.8	22,961	1,577	0.650
41	Bohol	70.0	36.5	89.9	20,966	1,581	0.750
42	Quezon	68.6	44.0	90.5	19,793	1,840	0.726
43	Apayao	62.4	37.5	90.4	25,485	1,727	0.624
44	Albay	69.0	47.6	91.7	18,129	1,846	0.733
45	Cagayan	66.5	42.6	92.8	20,705	1,895	0.692
46	Misamis Occidental	66.8	46.4	92.9	19,391	1,406	0.697
47	Aklan	63.4	49.7	93.7	20,401	1,668	0.639
48	Catanduanes	66.6	42.2	91.9	19,656	1,614	0.694
49	Sorsogon	69.1	40.5	90.7	18,393	1,613	0.735
50	Camarines Norte	65.0	41.4	92.8	20,376	1,773	0.667
51	Leyte	68.9	37.5	88.7	19,119	1,627	0.731
52	Oriental Mindoro	65.8	40.1	93.3	19,626	1,774	0.681
53	Surigao del Norte	67.3	37.9	91.0	18,865	1,494	0.705
54	Southern Leyte	65.4	36.2	93.6	19,587	1,651	0.673
55	Occidental Mindoro	63.7	36.5	89.9	20,875	1,625	0.644
56	Palawan	65.6	45.3	88.3	17,505	1,424	0.676
57	Guimaras	67.6	39.2	91.4	17,049	1,359	0.709
58	Davao Oriental	70.0	27.8	91.4	18,144	1,236	0.750
59	Sultan Kudarat	63.8	43.5	92.1	17,431	1,274	0.646
60	Siquijor	64.4	42.9	92.2	17,092	1,355	0.657
61	Agusan del Sur	63.6	32.1	91.2	19,876	1,295	0.643
62	Negros Oriental	65.7	32.1	76.9	20,292	1,442	0.678
63	Marinduque	65.8	39.9	92.9	15,939	1,476	0.681
64	Biliran	63.7	39.1	86.4	18,351	1,516	0.645
65	Surigao del Sur	63.7	41.3	90.4	17,076	1,268	0.644
66	Northern Samar	64.5	32.1	91.3	18,727	1,343	0.658
67	Romblon	64.7	37.4	92.6	16,712	1,497	0.661
68	Lanao del Sur	57.9	45.9	81.1	20,016	1,756	0.548
69	Eastern Samar	61.7	32.2	88.4	19,480	1,654	0.612
70	Western Samar	61.4	31.0	80.9	20,445	1,718	0.606
71	Sarangani	68.2	25.3	80.1	15,014	1,171	0.720
72	Zamboanga del Norte	63.7	33.9	90.1	14,218	1,079	0.646
73	Masbate	64.8	28.5	90.0	14,454	1,299	0.664
74	Basilan	60.6	31.6	83.9	13,265	1,314	0.593
75	Tawi-Tawi	51.2	40.9	91.4	10,780	1,347	0.436
76	Maguindanao	52.0	28.9	81.2	14,198	1,096	0.450
77	Sulu	52.8	21.1	83.8	8,430	1,287	0.463
	Philippines	69.8	52.1	90.6	27,442	2,609	0.747

¹A positive figure indicates that the HDI rank is higher than the per capita income rank, a negative the opposite.

Sources: Flieger and Cabigon (1994 and 1999); 2002 APIS; 2003 LFS; 2003 FLEMMS; 2003 FIES

Education Index I	Education Index II	Income Index I	Income Index II	HDI (I) 2003	HDI (II) 2003	Per capita income rank minus HDI rank ¹
0.595	0.854	0.418	0.464	0.546	0.648	-8
0.593	0.839	0.390	0.460	0.545	0.650	-6
0.543	0.841	0.339	0.461	0.544	0.684	-1
0.595	0.872	0.309	0.486	0.544	0.695	8
0.551	0.878	0.455	0.476	0.543	0.659	-20
0.623	0.868	0.267	0.487	0.541	0.696	19
0.593	0.865	0.333	0.491	0.539	0.683	-3
0.619	0.900	0.299	0.441	0.538	0.680	9
0.644	0.858	0.325	0.470	0.536	0.656	-2
0.588	0.736	0.306	0.464	0.529	0.632	3
0.572	0.886	0.274	0.464	0.527	0.695	11
0.585	0.775	0.324	0.480	0.525	0.641	-4
0.546	0.820	0.292	0.466	0.523	0.672	5
0.578	0.897	0.305	0.480	0.521	0.686	0
0.556	0.866	0.286	0.451	0.515	0.674	4
0.554	0.836	0.304	0.468	0.510	0.659	-1
0.543	0.782	0.337	0.465	0.508	0.630	-14
0.597	0.822	0.251	0.443	0.508	0.647	8
0.566	0.784	0.239	0.435	0.505	0.643	11
0.490	0.748	0.267	0.420	0.503	0.639	4
0.597	0.878	0.249	0.425	0.497	0.650	6
0.593	0.754	0.240	0.435	0.497	0.615	6
0.518	0.801	0.312	0.427	0.491	0.624	-12
0.470	0.755	0.322	0.445	0.490	0.626	-15
0.576	0.897	0.211	0.449	0.489	0.676	7
0.549	0.867	0.273	0.454	0.489	0.655	-3
0.577	0.831	0.240	0.424	0.487	0.633	2
0.518	0.831	0.282	0.434	0.486	0.641	-8
0.558	0.879	0.231	0.452	0.483	0.664	2
0.576	0.777	0.315	0.478	0.480	0.601	-20
0.509	0.795	0.301	0.468	0.474	0.625	-15
0.476	0.710	0.326	0.475	0.469	0.597	-26
0.436	0.647	0.187	0.411	0.448	0.593	0
0.527	0.754	0.167	0.397	0.446	0.599	1
0.490	0.784	0.173	0.428	0.442	0.625	-1
0.490	0.711	0.143	0.430	0.409	0.578	1
0.577	0.684	0.079	0.434	0.364	0.518	1
0.463	0.644	0.167	0.400	0.360	0.498	-2
0.420	0.729	0.019	0.426	0.301	0.540	0
	0.863		0.544		0.721	

Statistical Annex 2: Human Development Index 2000

HDI-1 Rank 2000	HDI-1 Rank 2003	Province	Life expectancy at birth (years) 2000	%HS grad 2000	Functional literacy 1994	Primary and high school enrollment rate (%) 1999	Per capita income (NCR 1997 pesos) 2000
		Metro Manila	69.2	74.3	92.41	93.8	46,367
4	1	Benguet	68.7	64.7	83.89	94.8	31,658
6	2	Laguna	67.1	60.8	86.09	93.1	33,375
9	3	Batanes	64.8	60.7	92.68	98.0	29,693
1	4	Rizal	70.2	66.9	89.17	94.2	36,592
5	5	Cavite	69.7	64.3	92.80	95.6	30,866
15	6	Nueva Vizcaya	64.6	48.9	78.20	93.6	30,892
11	7	Pampanga	71.4	53.4	79.23	91.3	27,672
3	8	Bataan	68.8	62.2	88.74	94.4	33,178
7	9	Bulacan	70.7	52.1	90.59	90.0	31,696
2	10	Ilocos Norte	69.3	54.9	84.69	94.9	35,090
21	11	Tarlac	68.8	51.6	82.22	87.7	23,297
18	12	La Union	69.8	52.9	87.43	89.7	26,260
8	13	Misamis Oriental	68.4	55.2	84.54	92.1	30,602
16	14	Pangasinan	69.1	60.0	87.38	94.5	24,458
14	15	Zambales	66.7	60.2	81.71	94.8	26,632
17	16	Batangas	71.0	51.7	90.40	93.4	25,367
12	17	South Cotabato	67.2	50.2	73.63	89.8	30,303
13	18	Davao del Sur	69.9	49.4	68.78	85.3	29,181
10	19	Iloilo	68.8	51.5	83.59	92.2	29,860
25	20	Cebu	71.8	41.6	80.18	89.5	20,852
58	21	Quirino	62.3	39.6	80.14	86.6	21,220
19	22	Abra	62.6	50.8	90.11	92.6	30,321
41	23	Capiz	64.5	41.4	76.45	91.1	20,953
63	24	Ifugao	61.9	34.4	51.07	90.1	19,602
20	25	Ilocos Sur	65.6	52.9	83.29	93.3	25,899
35	26	Negros Occidental	69.0	38.0	78.30	90.2	20,737
49	27	Camiguin	63.6	46.2	85.90	94.9	18,392
30	28	Bukidnon	67.2	34.1	83.15	82.8	25,654
24	29	Isabela	67.3	47.1	89.45	88.4	22,497
39	30	North Cotabato	68.0	42.9	72.76	90.9	18,824
43	31	Davao del Norte	65.1	36.5	85.49	88.5	21,990
42	32	Agusan del Norte	63.8	46.7	88.16	87.6	20,378
26	33	Nueva Ecija	70.2	50.9	92.42	91.7	19,119
46	34	Camarines Sur	69.9	35.5	85.97	84.5	19,183
48	35	Zamboanga del Sur	66.9	37.7	77.23	85.7	19,850
23	36	Lanao del Norte	63.7	47.7	73.39	92.4	25,112
38	37	Antique	62.0	38.4	78.45	94.8	23,428
33	38	Aurora	63.0	50.1	84.16	93.3	21,163

Per capita income (PPP US\$) 2000	Life Expectancy Index	Education Index I	Education Index II	Income Index I	Income Index II	HDI (I) 2000	HDI (II) 2000
4,750	0.737	0.808	0.931	0.988	0.644	0.844	0.771
2,885	0.729	0.747	0.893	0.612	0.561	0.696	0.728
3,109	0.702	0.716	0.896	0.656	0.574	0.691	0.724
3,166	0.663	0.731	0.953	0.562	0.577	0.652	0.731
3,902	0.754	0.760	0.917	0.738	0.612	0.751	0.761
3,204	0.746	0.747	0.942	0.592	0.579	0.695	0.755
2,160	0.661	0.638	0.859	0.593	0.513	0.631	0.678
2,456	0.774	0.660	0.853	0.511	0.534	0.648	0.720
2,909	0.731	0.729	0.916	0.651	0.563	0.704	0.736
3,082	0.761	0.647	0.903	0.613	0.572	0.674	0.745
2,412	0.739	0.682	0.898	0.700	0.531	0.707	0.723
1,792	0.730	0.636	0.850	0.399	0.482	0.588	0.687
1,998	0.747	0.652	0.886	0.475	0.500	0.624	0.711
2,000	0.724	0.675	0.883	0.585	0.500	0.662	0.702
1,805	0.734	0.715	0.909	0.429	0.483	0.626	0.709
2,264	0.695	0.717	0.883	0.484	0.521	0.632	0.700
2,489	0.767	0.656	0.919	0.452	0.537	0.625	0.741
2,095	0.703	0.634	0.817	0.578	0.508	0.638	0.676
2,066	0.748	0.614	0.770	0.549	0.505	0.637	0.674
2,210	0.729	0.651	0.879	0.567	0.517	0.649	0.708
1,757	0.779	0.576	0.849	0.336	0.478	0.564	0.702
1,463	0.621	0.553	0.834	0.346	0.448	0.507	0.634
1,902	0.627	0.648	0.914	0.578	0.492	0.618	0.678
1,496	0.659	0.579	0.838	0.339	0.452	0.526	0.649
1,238	0.616	0.529	0.706	0.305	0.420	0.483	0.581
2,001	0.676	0.663	0.883	0.465	0.500	0.602	0.686
1,444	0.733	0.554	0.842	0.334	0.446	0.540	0.674
1,333	0.643	0.625	0.904	0.274	0.432	0.514	0.660
1,434	0.704	0.503	0.830	0.459	0.444	0.555	0.659
1,912	0.704	0.609	0.889	0.378	0.492	0.564	0.695
1,260	0.717	0.589	0.818	0.285	0.423	0.530	0.653
1,375	0.668	0.538	0.870	0.366	0.438	0.524	0.658
1,397	0.647	0.603	0.879	0.324	0.440	0.525	0.655
2,028	0.753	0.645	0.921	0.292	0.502	0.563	0.725
1,421	0.748	0.519	0.852	0.294	0.443	0.520	0.681
1,367	0.699	0.537	0.815	0.311	0.437	0.515	0.650
1,639	0.646	0.626	0.829	0.445	0.467	0.572	0.647
1,533	0.617	0.572	0.866	0.402	0.456	0.531	0.646
1,809	0.633	0.645	0.887	0.344	0.483	0.541	0.668

Statistical Annex 2

HDI-1 Rank 2000	HDI-1 Rank 2003	Province	Life expectancy at birth (years) 2000	%HS grad 2000	Functional literacy 1994	Primary and high school enrollment rate (%) 1999	Per capita income (NCR 1997 pesos) 2000
31	39	Kalinga	61.8	38.7	70.35	93.8	26,356
22	40	Mt. Province	62.9	43.1	81.08	95.7	27,405
45	41	Bohol	69.0	33.1	84.86	92.3	19,459
27	42	Quezon	67.7	46.4	87.25	91.2	21,607
36	43	Apayao	61.6	31.3	70.35	94.1	26,752
40	44	Albay	67.9	46.0	82.31	91.0	18,103
57	45	Cagayan	65.6	37.8	86.72	89.2	19,281
44	46	Misamis Occidental	65.7	41.3	84.83	90.4	19,928
34	47	Aklan	62.9	50.3	83.01	94.6	20,972
52	48	Catanduanes	65.8	39.6	87.01	95.3	18,343
62	49	Sorsogon	67.8	37.4	79.38	92.3	15,203
59	50	Camarines Norte	64.0	42.9	90.01	86.6	18,420
32	51	Leyte	67.3	36.2	79.45	88.9	22,700
50	52	Oriental Mindoro	65.0	40.7	91.54	87.1	19,895
60	53	Surigao del Norte	66.0	35.3	81.64	91.7	18,426
47	54	Southern Leyte	64.6	37.6	86.35	89.6	21,107
56	55	Occidental Mindoro	63.0	33.2	83.12	92.4	21,781
28	56	Palawan	64.4	44.9	77.35	87.3	24,335
37	57	Guimaras	67.1	39.0	83.59	89.6	21,126
29	58	Davao Oriental	68.3	31.8	74.61	87.4	25,092
61	59	Sultan Kudarat	63.1	41.9	78.63	93.5	18,190
55	60	Siquijor	63.6	34.3	86.27	95.2	20,917
67	61	Agusan del Sur	62.4	33.2	71.84	88.0	17,877
51	62	Negros Oriental	65.0	33.1	73.82	79.7	22,607
66	63	Marinduque	64.8	33.7	91.25	92.1	15,936
65	64	Biliran	62.8	32.6	79.45	90.4	18,090
53	65	Surigao del Sur	62.7	40.2	82.43	85.8	21,272
64	66	Northern Samar	63.3	31.8	73.63	87.2	18,451
69	67	Romblon	63.8	38.7	85.92	90.2	14,633
72	68	Lanao del Sur	56.9	35.7	59.31	76.9	15,211
71	69	Eastern Samar	61.1	27.8	86.25	89.8	14,181
70	70	Western Samar	60.6	22.3	76.41	85.5	16,706
68	71	Sarangani	67.2	33.6	73.63	69.3	16,893
54	72	Zamboanga del Norte	63.1	37.8	74.49	90.5	20,999
73	73	Masbate	64.0	23.3	75.21	84.0	12,147
74	74	Basilan	60.2	28.6	48.08	82.1	13,026
76	75	Tawi-Tawi	50.8	34.2	52.67	90.9	11,121
75	76	Maguindanao	52.6	36.1	68.71	76.6	15,508
77	77	Sulu	52.3	18.1	57.73	77.7	7,675
		Philippines	69.3	49.4	83.8	88.5	26,881

Sources: Flieger and Cabigon (1994 and 1999); 2000 LFS; 1999 APIS; 1994 FLEMMS; 2000 FIES

*HDI-2 2000 is not comparable with HDI-2 2003 since the education index II for 2000 is computed with equal weights.

Per capita income (PPP US\$) 2000	Life Expectancy Index	Education Index I	Education Index II	Income Index I	Income Index II	HDI (I) 2000	HDI (II) 2000
1,541	0.613	0.571	0.821	0.477	0.456	0.554	0.630
1,613	0.631	0.606	0.884	0.504	0.464	0.580	0.660
1,239	0.733	0.528	0.886	0.301	0.420	0.521	0.680
1,796	0.711	0.614	0.892	0.356	0.482	0.560	0.695
1,596	0.610	0.522	0.822	0.487	0.462	0.540	0.632
1,634	0.714	0.610	0.867	0.266	0.466	0.530	0.682
1,673	0.676	0.549	0.880	0.296	0.470	0.507	0.675
1,309	0.679	0.577	0.876	0.313	0.429	0.523	0.662
1,587	0.632	0.651	0.888	0.340	0.461	0.541	0.660
1,366	0.679	0.581	0.911	0.272	0.436	0.511	0.676
1,392	0.713	0.557	0.859	0.192	0.440	0.487	0.670
1,396	0.650	0.575	0.883	0.274	0.440	0.500	0.658
1,715	0.705	0.537	0.842	0.384	0.474	0.542	0.674
1,639	0.666	0.561	0.893	0.312	0.467	0.513	0.676
1,336	0.682	0.541	0.867	0.275	0.433	0.499	0.661
1,564	0.661	0.549	0.880	0.343	0.459	0.518	0.666
1,511	0.633	0.529	0.877	0.360	0.453	0.507	0.655
1,750	0.657	0.590	0.823	0.425	0.478	0.557	0.653
1,566	0.702	0.558	0.866	0.343	0.459	0.535	0.676
1,530	0.722	0.504	0.810	0.445	0.455	0.557	0.662
1,211	0.634	0.591	0.861	0.269	0.416	0.498	0.637
1,499	0.644	0.546	0.908	0.338	0.452	0.509	0.668
1,055	0.623	0.515	0.799	0.261	0.393	0.466	0.605
1,423	0.667	0.486	0.768	0.381	0.443	0.512	0.626
1,358	0.664	0.532	0.917	0.211	0.435	0.469	0.672
1,367	0.629	0.519	0.849	0.266	0.436	0.471	0.638
1,431	0.628	0.554	0.841	0.347	0.444	0.510	0.638
1,182	0.638	0.503	0.804	0.275	0.412	0.472	0.618
1,163	0.646	0.559	0.881	0.178	0.410	0.461	0.645
1,221	0.532	0.494	0.681	0.192	0.418	0.406	0.544
1,140	0.602	0.485	0.880	0.166	0.406	0.418	0.629
1,231	0.594	0.434	0.809	0.231	0.419	0.419	0.607
1,168	0.704	0.455	0.715	0.235	0.410	0.465	0.610
1,441	0.635	0.553	0.825	0.340	0.445	0.510	0.635
995	0.650	0.436	0.796	0.114	0.383	0.400	0.610
1,074	0.587	0.464	0.651	0.137	0.396	0.396	0.545
1,201	0.429	0.531	0.718	0.088	0.415	0.349	0.521
1,052	0.460	0.496	0.727	0.200	0.393	0.385	0.527
1,020	0.456	0.380	0.677	0.000	0.388	0.278	0.507
2,260	0.738		0.854		0.520		0.704

Statistical Annex 3: Human Development Index 1997

HDI-1 Rank 1997	HDI-1 Rank 2000	HDI-1 Rank 2003	Province	Life expectancy at birth (years) 1997	%HS grad 1997	Primary and high school enrollment rate (%) 1998
			Metro Manila	68.4	73.2	94.5
7	4	1	Benguet	67.4	60.9	94.1
6	6	2	Laguna	66.4	56.9	94.1
2	9	3	Batanes	64.0	58.3	96.6
1	1	4	Rizal	69.4	62.0	93.7
5	5	5	Cavite	68.9	60.2	93.5
19	15	6	Nueva Vizcaya	64.0	42.8	90.9
9	11	7	Pampanga	70.7	52.2	90.8
3	3	8	Bataan	68.0	58.2	91.4
12	7	9	Bulacan	69.9	50.6	90.4
8	2	10	Ilocos Norte	68.7	52.1	92.8
15	21	11	Tarlac	68.0	49.0	91.5
16	18	12	La Union	69.0	50.1	88.8
4	8	13	Misamis Oriental	67.2	54.5	92.4
14	16	14	Pangasinan	68.3	55.8	93.9
10	14	15	Zambales	65.8	59.4	93.9
11	17	16	Batangas	70.2	52.0	93.5
22	12	17	South Cotabato	66.1	47.4	88.9
13	13	18	Davao del Sur	68.6	44.6	87.1
17	10	19	Iloilo	68.1	49.5	92.2
20	25	20	Cebu	70.9	39.0	88.4
31	58	21	Quirino	61.9	37.2	89.4
25	19	22	Abra	62.1	50.3	93.8
29	41	23	Capiz	63.8	42.3	93.9
45	63	24	Ifugao	60.9	34.1	90.1
18	20	25	Ilocos Sur	65.1	48.3	94.6
33	35	26	Negros Occidental	67.9	37.8	84.4
43	49	27	Camiguin	62.6	46.8	94.9
28	30	28	Bukidnon	65.8	29.8	84.1
27	24	29	Isabela	66.1	41.7	88.5
48	39	30	North Cotabato	66.4	42.0	89.0
39	43	31	Davao del Norte	64.1	33.9	90.8
50	42	32	Agusan del Norte	62.6	41.8	91.2
26	26	33	Nueva Ecija	69.1	45.4	90.9
49	46	34	Camarines Sur	68.5	36.1	88.7
37	48	35	Zamboanga del Sur	65.6	34.7	84.2
24	23	36	Lanao del Norte	62.8	45.6	88.2
40	38	37	Antique	61.4	36.7	88.5
36	33	38	Aurora	62.6	43.8	95.8
21	31	39	Kalinga	61.1	41.7	89.9

Per capita income (NCR 1997 Pesos) 1997	Life expectancy index	Education index I	Income index I	HDI I 1997
46,837	0.724	0.803	1.000	0.842
31,107	0.707	0.719	0.598	0.675
34,288	0.691	0.693	0.680	0.688
38,995	0.651	0.710	0.800	0.720
35,769	0.740	0.725	0.717	0.728
32,214	0.732	0.713	0.627	0.691
28,654	0.650	0.588	0.536	0.591
30,452	0.761	0.651	0.582	0.665
34,760	0.716	0.693	0.692	0.700
29,006	0.749	0.639	0.545	0.644
32,330	0.729	0.656	0.630	0.671
27,866	0.717	0.632	0.516	0.621
26,614	0.733	0.630	0.484	0.616
36,006	0.703	0.671	0.723	0.699
25,613	0.721	0.685	0.458	0.621
29,946	0.680	0.709	0.569	0.653
28,415	0.754	0.659	0.530	0.647
24,768	0.685	0.612	0.436	0.578
30,820	0.727	0.588	0.591	0.635
25,517	0.718	0.637	0.456	0.604
24,710	0.764	0.555	0.435	0.585
26,057	0.616	0.546	0.469	0.544
24,141	0.618	0.648	0.420	0.562
23,105	0.647	0.595	0.394	0.545
24,146	0.599	0.527	0.421	0.515
27,391	0.669	0.637	0.503	0.603
22,555	0.715	0.533	0.380	0.543
19,971	0.627	0.628	0.314	0.523
26,450	0.680	0.479	0.479	0.546
22,853	0.685	0.573	0.388	0.549
18,446	0.691	0.577	0.275	0.514
23,580	0.651	0.528	0.406	0.528
20,624	0.626	0.583	0.331	0.513
19,856	0.736	0.606	0.311	0.551
18,688	0.725	0.536	0.281	0.514
24,471	0.676	0.512	0.429	0.539
25,755	0.631	0.598	0.462	0.564
24,631	0.607	0.540	0.433	0.527
22,516	0.627	0.612	0.379	0.539
29,930	0.601	0.578	0.568	0.582

Statistical Annex 3

HDI-1 Rank 1997	HDI-1 Rank 2000	HDI-1 Rank 2003	Province	Life expectancy at birth (years) 1997	%HS grad 1997	Primary and high school enrollment rate (%) 1998
51	22	40	Mt. Province	61.7	36.6	96.4
55	45	41	Bohol	68.0	31.1	88.0
23	27	42	Quezon	66.8	43.8	89.5
34	36	43	Apayao	60.8	31.2	91.5
44	40	44	Albay	66.8	42.2	90.4
61	57	45	Cagayan	64.6	32.0	91.5
41	44	46	Misamis Occidental	64.7	37.5	90.1
30	34	47	Aklan	62.4	44.6	96.2
38	52	48	Catanduanes	64.9	36.2	94.2
63	62	49	Sorsogon	66.5	37.2	92.8
56	59	50	Camarines Norte	63.0	38.3	86.6
60	32	51	Leyte	65.7	30.9	83.6
42	50	52	Oriental Mindoro	64.1	36.3	90.1
59	60	53	Surigao del Norte	64.6	32.6	90.2
65	47	54	Southern Leyte	63.9	29.0	89.3
52	56	55	Occidental Mindoro	62.3	33.2	89.1
35	28	56	Palawan	63.2	42.6	89.0
47	37	57	Guimaras	66.7	36.5	86.3
57	29	58	Davao Oriental	66.6	24.5	86.6
32	61	59	Sultan Kudarat	62.3	45.7	92.3
64	55	60	Siquijor	62.9	35.5	87.9
62	67	61	Agusan del Sur	61.2	31.7	83.5
46	51	62	Negros Oriental	64.4	28.8	88.1
54	66	63	Marinduque	63.8	35.8	91.2
66	65	64	Biliran	61.8	28.2	93.0
53	53	65	Surigao del Sur	61.8	38.6	91.1
68	64	66	Northern Samar	62.1	26.8	88.9
67	69	67	Romblon	62.8	32.4	92.6
73	72	68	Lanao del Sur	56.0	39.2	82.0
76	71	69	Eastern Samar	60.5	26.2	88.0
71	70	70	Western Samar	59.9	26.5	81.7
70	68	71	Sarangani	66.2	27.5	66.6
58	54	72	Zamboanga del Norte	62.4	32.5	88.3
74	73	73	Masbate	63.2	22.4	79.4
69	74	74	Basilan	59.8	30.1	81.3
75	76	75	Tawi-Tawi	50.4	32.9	87.6
72	75	76	Maguindanao	53.2	33.8	79.9
77	77	77	Sulu	51.9	22.4	81.3
			Philippines	68.0	46.8	87.9

Sources: Flieger and Cabigon (1994 and 1999); 1997 LFS; 1998 APIS; 1997 FIES

Per capita income (NCR 1997 Pesos) 1997	Life expectancy index	Education index I	Income index I	HDI I 1997
21,791	0.611	0.565	0.360	0.512
18,423	0.717	0.501	0.274	0.497
24,587	0.697	0.591	0.432	0.573
27,911	0.597	0.513	0.517	0.542
18,302	0.696	0.582	0.271	0.517
18,980	0.660	0.518	0.289	0.489
22,107	0.661	0.550	0.369	0.527
23,084	0.624	0.618	0.393	0.545
22,365	0.665	0.556	0.375	0.532
16,210	0.691	0.557	0.218	0.489
19,912	0.633	0.544	0.312	0.496
19,759	0.679	0.484	0.309	0.491
22,727	0.652	0.542	0.384	0.526
19,490	0.660	0.518	0.302	0.493
18,223	0.648	0.491	0.269	0.470
22,899	0.622	0.519	0.389	0.510
23,644	0.637	0.580	0.408	0.542
20,154	0.695	0.531	0.319	0.515
20,998	0.694	0.452	0.340	0.495
23,170	0.622	0.612	0.396	0.543
18,093	0.631	0.530	0.266	0.476
22,307	0.603	0.490	0.374	0.489
23,490	0.656	0.486	0.404	0.515
19,819	0.647	0.543	0.310	0.500
18,344	0.614	0.498	0.272	0.462
20,825	0.613	0.561	0.336	0.503
18,206	0.618	0.475	0.269	0.454
16,154	0.631	0.524	0.217	0.457
15,636	0.517	0.534	0.203	0.418
12,985	0.591	0.468	0.136	0.398
18,896	0.582	0.449	0.287	0.439
17,497	0.687	0.405	0.251	0.448
21,290	0.624	0.511	0.348	0.494
13,991	0.636	0.414	0.161	0.404
19,686	0.580	0.472	0.307	0.453
18,180	0.423	0.511	0.268	0.401
21,428	0.471	0.492	0.351	0.438
8,840	0.448	0.420	0.030	0.299
27,896	0.644			

Statistical Annex 4: Gender-related Development Index 2003

HDI-1 Rank 2003	Province	Gender-related development index (GDI)				Life expectancy at birth (years) 2003		% HS Graduate (18 and above) 2003	
		Rank 1	Value 1	Rank 2	Value 2	Female	Male	Female	Male
	Metro Manila		0.735		0.775	72.9	67.0	75.3	76.2
1	Benguet	4	0.635	5	0.745	73.1	67.0	68.7	61.7
2	Laguna	2	0.662	11	0.725	72.2	63.4	63.7	63.9
3	Batanes	5	0.625	6	0.744	66.9	64.0	74.0	78.5
4	Rizal	1	0.680	1	0.764	74.4	67.6	67.5	67.8
5	Cavite	3	0.642	2	0.756	76.0	65.1	66.3	67.1
6	Nueva Vizcaya	10	0.595	14	0.714	66.0	64.6	53.8	48.0
7	Pampanga	8	0.611	8	0.743	75.8	68.6	57.5	57.2
8	Bataan	7	0.619	4	0.746	72.8	66.6	62.2	63.2
9	Bulacan	11	0.593	7	0.743	74.8	68.0	55.6	57.3
10	Ilocos Norte	16	0.561	17	0.707	72.8	67.1	54.9	53.1
11	Tarlac	12	0.579	50	0.660	70.8	68.3	55.1	55.4
12	La Union	14	0.576	19	0.702	73.4	67.8	56.1	55.2
13	Misamis Oriental	21	0.541	24	0.691	73.1	66.3	60.4	55.7
14	Pangasinan	15	0.562	13	0.719	73.2	66.5	61.3	62.7
15	Zambales	6	0.624	9	0.730	69.6	65.7	58.4	63.3
16	Batangas	9	0.606	3	0.749	76.1	67.5	56.6	54.2
17	South Cotabato	13	0.577	30	0.685	70.5	66.0	55.5	48.8
18	Davao del Sur	22	0.536	27	0.688	72.7	69.5	51.6	47.1
19	Iloilo	20	0.551	18	0.703	71.6	67.2	56.3	50.7
20	Cebu	19	0.552	10	0.730	74.1	71.2	47.1	45.8
21	Quirino	41	0.490	41	0.668	62.7	62.5	41.2	37.7
22	Abra	29	0.513	26	0.689	66.2	60.2	50.9	48.0
23	Capiz	33	0.508	37	0.674	68.0	62.6	45.2	36.8
24	Ifugao	32	0.508	62	0.642	66.7	59.2	45.7	34.5
25	Ilocos Sur	23	0.534	33	0.681	70.4	61.5	52.0	51.7
26	Negros Occidental	27	0.523	25	0.691	73.4	66.8	48.6	42.8
27	Camiguin	49	0.478	29	0.685	67.1	62.0	51.6	44.5
28	Bukidnon	53	0.475	54	0.654	71.4	65.9	37.1	32.7
29	Isabela	25	0.530	20	0.702	70.8	66.0	47.2	45.9
30	North Cotabato	28	0.517	47	0.662	73.1	66.1	44.3	38.5
31	Davao del Norte	34	0.507	51	0.660	69.8	62.4	45.2	37.4
32	Agusan del Norte	52	0.476	42	0.667	67.5	62.6	51.3	46.4
33	Nueva Ecija	18	0.558	16	0.710	73.2	69.2	51.9	48.3
34	Camarines Sur	31	0.512	23	0.693	74.3	68.3	43.9	40.8
35	Zamboanga del Sur	36	0.501	39	0.671	70.8	65.7	41.9	38.9
36	Lanao del Norte	37	0.498	15	0.713	66.7	62.6	48.3	43.2
37	Antique	39	0.493	56	0.648	66.5	58.7	45.2	40.9
38	Aurora	17	0.560	53	0.657	65.6	61.0	51.4	53.2
39	Kalinga	61	0.455	46	0.663	65.8	59.3	45.3	39.5

Primary and high school enrollment rate (%) 2002		Estimated earned income (NCR 1997 pesos) 2000		Estimated earned income (PPP US\$) 2003		HDI rank minus GDI-1 rank ¹
Female	Male	Female	Male	Female	Male	
91.2	93.4	28,784	55,778	3,406	6,600	
92.1	98.2	18,091	45,735	2,076	5,249	-3
94.6	91.5	26,796	40,056	2,024	3,026	0
96.3	86.1	25,265	23,005	3,894	3,546	-2
99.5	92.2	23,690	43,265	2,758	5,037	3
93.0	94.1	20,892	33,383	2,900	4,633	2
94.6	93.8	23,796	34,702	2,761	4,027	-4
91.0	93.2	17,580	33,570	2,067	3,946	-1
95.8	91.4	19,455	32,160	2,292	3,788	1
91.5	87.1	16,439	32,257	2,103	4,126	-2
97.9	89.4	15,449	20,943	1,791	2,428	-6
93.0	86.3	16,431	31,300	965	1,838	-1
91.1	89.8	16,256	24,413	1,311	1,969	-2
93.0	97.5	9,963	22,935	900	2,072	-8
91.4	92.0	12,298	22,825	1,480	2,748	-1
95.0	100.7	24,228	29,134	2,294	2,758	9
95.8	88.2	20,130	26,617	2,490	3,292	7
88.3	96.5	18,962	28,358	1,444	2,160	4
94.8	86.2	11,653	23,665	1,252	2,543	-4
94.0	95.1	15,079	18,643	1,939	2,397	-1
94.0	94.1	13,155	23,926	1,739	3,162	1
97.2	89.3	15,242	23,592	2,013	3,115	-20
100.0	89.4	18,976	16,037	2,239	1,892	-7
91.9	94.1	16,327	20,078	2,036	2,503	-10
99.2	98.4	18,017	20,917	1,657	1,924	-8
90.8	90.8	15,234	23,029	1,819	2,750	2
92.3	93.6	11,539	21,454	1,160	2,156	-1
99.9	95.4	9,050	14,073	1,649	2,564	-22
86.9	82.0	11,201	18,346	1,312	2,149	-25
92.0	91.0	15,529	19,284	1,924	2,389	4
97.9	91.3	13,172	18,697	1,250	1,775	2
93.7	88.5	13,874	25,382	1,215	2,222	-3
94.3	96.4	8,059	16,883	1,112	2,330	-20
88.1	91.5	14,467	26,019	1,573	2,828	15
88.6	86.9	11,610	17,944	1,377	2,129	3
93.0	93.7	11,441	21,984	1,264	2,428	-1
93.3	91.8	12,304	22,833	2,704	5,017	-1
94.8	94.5	16,275	17,875	1,820	1,999	-2
93.3	92.4	20,477	29,329	1,657	2,374	21
97.5	90.4	10,444	12,947	1,882	2,333	-22

Statistical Annex 4

HDI-1 Rank 2003	Province	Gender-related development index (GDI)				Life expectancy at birth (years) 2003		% HS Graduate (18 and above) 2003	
		Rank 1	Value 1	Rank 2	Value 2	Female	Male	Female	Male
40	Mt. Province	44	0.485	40	0.671	66.9	61.1	44.8	38.3
41	Bohol	50	0.478	31	0.683	72.6	67.4	37.1	35.8
42	Quezon	24	0.531	22	0.697	72.2	64.9	46.6	41.6
43	Apayao	62	0.453	52	0.658	66.1	58.7	38.5	36.6
44	Albay	26	0.526	21	0.700	71.2	66.7	49.1	46.1
45	Cagayan	40	0.492	32	0.682	69.1	63.9	43.0	42.1
46	Misamis Occidental	51	0.477	35	0.676	70.4	63.2	49.7	43.0
47	Aklan	35	0.501	49	0.662	66.2	60.5	53.3	46.0
48	Catanduanes	30	0.512	60	0.644	69.1	64.2	40.4	44.0
49	Sorsogon	47	0.480	12	0.724	70.6	67.6	42.9	38.0
50	Camarines Norte	42	0.488	65	0.639	67.0	63.0	42.4	40.4
51	Leyte	43	0.488	36	0.675	71.8	66.0	40.9	34.1
52	Oriental Mindoro	38	0.496	28	0.688	68.4	63.2	44.0	36.4
53	Surigao del Norte	54	0.472	43	0.667	71.1	63.5	40.1	35.6
54	Southern Leyte	46	0.481	58	0.646	67.7	63.1	40.0	32.7
55	Occidental Mindoro	45	0.482	59	0.645	67.1	60.3	39.1	34.0
56	Palawan	56	0.470	55	0.649	67.4	63.7	48.0	42.9
57	Guimaras	55	0.471	61	0.643	69.7	65.4	40.9	37.7
58	Davao Oriental	59	0.458	34	0.676	73.6	66.4	31.4	24.6
59	Sultan Kudarat	57	0.461	57	0.647	66.4	61.2	47.6	39.7
60	Siquijor	66	0.440	67	0.619	65.7	63.1	46.4	39.5
61	Agusan del Sur	70	0.429	68	0.617	64.6	62.5	35.5	28.8
62	Negros Oriental	65	0.441	63	0.641	67.3	64.1	34.0	30.2
63	Marinduque	48	0.479	48	0.662	67.9	63.8	41.4	38.4
64	Biliran	69	0.438	44	0.665	65.3	62.0	43.1	35.1
65	Surigao del Sur	63	0.448	38	0.674	66.2	61.1	43.7	39.0
66	Northern Samar	64	0.445	64	0.641	67.2	61.8	33.4	30.8
67	Romblon	58	0.459	45	0.665	67.6	61.7	39.8	34.8
68	Lanao del Sur	67	0.439	71	0.597	59.6	56.1	47.2	44.5
69	Eastern Samar	68	0.439	69	0.615	64.4	59.0	36.2	28.2
70	Western Samar	60	0.457	73	0.585	62.6	60.1	34.2	28.2
71	Sarangani	72	0.425	72	0.591	70.4	66.0	26.7	24.0
72	Zamboanga del Norte	71	0.428	70	0.609	65.6	61.9	36.9	31.2
73	Masbate	73	0.408	66	0.630	67.7	62.0	28.2	28.9
74	Basilan	74	0.381	74	0.562	64.3	56.9	29.9	33.3
75	Tawi-Tawi	75	0.356	76	0.539	53.6	48.7	37.8	43.9
76	Maguindanao	76	0.314	77	0.536	52.8	51.2	28.6	29.2
77	Sulu	77	0.296	75	0.540	55.6	49.9	20.5	21.6
	Philippines					72.4	67.2	53.52	50.59

¹A positive figure indicates that the GDI rank is higher than the HDI rank, a negative the opposite.
Sources: Flieger and Cabigon (1994 and 1999); 2003 LFS; 2002 APIS; 1994 FLEMMS; 2003 FIES

Primary and high school enrollment rate (% 2002)		Estimated earned income (NCR 1997 pesos) 2000		Estimated earned income (PPP US\$) 2003		HDI rank minus GDI-1 rank ¹
Female	Male	Female	Male	Female	Male	
100.0	97.6	13,667	15,003	2,047	2,247	-4
100.1	85.5	8,699	17,104	1,116	2,194	-9
90.9	90.4	16,075	20,907	1,681	2,187	18
87.5	91.4	13,680	13,574	1,734	1,721	-19
92.2	91.9	13,988	17,718	1,779	2,253	18
91.8	94.9	11,085	20,074	1,419	2,569	5
93.7	89.9	9,076	11,889	1,178	1,543	-5
96.4	97.7	13,820	16,338	1,586	1,875	12
96.0	92.5	12,868	27,767	1,379	2,976	18
92.9	91.8	8,462	17,056	1,953	3,937	2
89.2	94.9	12,764	19,600	1,420	2,180	8
87.6	91.7	10,996	19,086	1,317	2,286	8
92.2	94.0	16,233	15,465	1,877	1,789	14
95.0	90.6	10,050	14,956	1,062	1,580	-1
99.2	91.1	13,206	17,921	1,118	1,518	8
94.9	91.0	14,843	19,900	1,714	2,298	10
92.3	86.8	9,295	13,767	1,194	1,769	0
92.4	95.6	9,392	12,544	1,159	1,547	2
96.6	97.4	8,253	13,848	1,672	2,805	-1
89.5	93.0	9,652	15,022	1,017	1,582	2
94.7	81.1	7,460	10,791	1,415	2,046	-6
90.8	92.4	8,231	18,925	814	1,871	-9
83.6	74.2	11,080	15,887	1,543	2,213	-3
93.6	95.2	11,194	16,466	930	1,368	15
96.1	97.3	10,621	7,352	1,812	1,254	-5
93.9	90.9	9,983	10,217	2,503	2,562	2
94.3	93.0	9,686	17,012	996	1,749	2
92.9	93.2	12,283	11,890	1,540	1,490	9
82.4	72.1	13,665	16,208	1,738	2,061	1
95.0	88.7	13,875	13,255	1,307	1,249	1
93.7	74.3	16,626	21,507	1,173	1,517	10
78.9	83.7	8,222	14,117	869	1,492	-1
96.7	99.2	7,913	9,230	1,037	1,210	1
93.5	89.5	6,046	15,438	932	2,379	0
84.7	83.3	5,736	17,396	656	1,990	0
86.6	92.1	6,427	9,824	1,686	2,578	0
82.0	75.2	5,239	10,268	1,153	2,260	0
85.2	81.3	4,209	9,427	944	2,114	0
92.37	88.99	16,133	27,223	1,936	3,272	

Statistical Annex 5: Poverty Incidence, Depth, and Severity

HDI-1

Rank

2003	PROVINCE	Incidence			Depth			Severity		
		1997	2000	2003	1997	2000	2003	1997	2000	2003
1	Metro Manila	3.5	5.6	4.3	0.6	0.9	0.6	0.17	0.24	0.13
2	Benguet	19.7	12.6	12.3	4.6	2.3	2.4	1.43	0.58	0.70
3	Laguna	8.2	7.7	5.7	1.4	1.4	1.2	0.33	0.37	0.33
4	Batanes	21.7	9.9	9.2	3.3	1.1	3.2	0.69	0.22	1.11
5	Rizal	12.3	10.5	7.9	2.2	2.4	1.2	0.59	0.78	0.32
6	Cavite	9.1	10.9	8.5	1.7	1.9	1.3	0.47	0.58	0.29
7	Nueva Vizcaya	10.8	9.3	3.8	2.5	1.4	0.6	0.77	0.37	0.13
8	Pampanga	5.8	8.8	6.0	0.6	1.2	0.6	0.12	0.25	0.11
9	Bataan	7.1	7.6	8.9	1.2	1.0	1.1	0.31	0.23	0.23
10	Bulacan	10.1	9.5	9.2	1.8	1.7	1.7	0.50	0.49	0.47
11	Ilocos Norte	8.3	6.2	6.7	1.2	0.6	0.7	0.36	0.09	0.11
12	Tarlac	15.4	20.2	9.7	3.0	5.1	1.8	0.89	1.91	0.45
13	La Union	22.6	19.4	17.2	5.8	4.4	3.3	1.91	1.45	0.86
14	Misamis Oriental	22.9	22.8	26.6	5.8	5.9	7.2	2.08	2.15	2.76
15	Pangasinan	25.2	24.3	18.6	4.7	5.1	3.5	1.27	1.53	0.96
16	Zambales	13.8	18.2	10.6	2.5	3.7	1.7	0.68	0.97	0.39
17	Batangas	17.4	16.3	24.4	4.2	3.0	5.8	1.44	0.84	1.95
18	South Cotabato	25.4	25.2	21.6	6.9	5.3	5.4	2.45	1.69	1.89
19	Davao del Sur	21.6	18.8	24.0	4.6	4.2	6.2	1.46	1.42	2.18
20	Iloilo	22.0	21.8	26.3	4.8	4.5	7.3	1.62	1.41	2.67
21	Cebu	31.9	35.7	34.8	9.8	11.1	10.5	4.19	4.62	4.34
22	Quirino	18.5	19.8	9.6	3.4	3.8	1.1	0.97	1.12	0.20
23	Abra	22.0	19.7	13.4	4.7	3.4	1.6	1.33	0.97	0.36
24	Capiz	26.0	36.1	23.6	4.7	8.4	4.4	1.23	2.56	1.25
25	Ifugao	31.3	40.9	10.9	4.4	8.2	1.0	0.87	2.36	0.16
26	Ilocos Sur	13.3	17.0	15.2	2.0	3.6	2.9	0.46	1.05	0.83
27	Negros Occidental	18.8	31.3	24.6	4.2	7.5	5.1	1.32	2.50	1.57
28	Camiguin	33.6	32.3	30.6	9.1	7.7	7.9	3.52	2.68	2.68
29	Bukidnon	23.1	24.7	28.3	4.9	5.8	7.2	1.53	1.91	2.48
30	Isabela	36.1	32.6	31.9	10.3	8.0	7.0	3.79	2.92	2.14
31	North Cotabato	42.7	34.8	23.7	13.4	8.8	5.8	5.45	2.93	2.04
32	Davao del Norte	26.2	27.3	24.9	6.4	7.1	6.1	2.16	2.43	2.20
33	Agusan del Norte	32.3	34.1	26.7	9.2	10.1	7.0	3.61	4.28	2.42
34	Nueva Ecija	26.8	31.8	31.4	6.1	6.0	6.6	1.94	1.79	1.97
35	Camarines Sur	35.1	44.1	39.4	8.5	11.9	10.9	2.94	4.39	4.06
36	Zamboanga del Sur	31.9	42.2	40.1	6.9	12.1	12.2	2.21	4.84	4.91
37	Lanao del Norte	32.9	46.0	46.1	9.4	14.0	13.7	3.68	5.82	5.56
38	Antique	23.5	25.1	28.1	5.0	4.5	6.1	1.52	1.35	1.82
39	Aurora	19.2	27.4	24.6	3.5	6.0	5.1	0.90	2.08	1.59
40	Kalinga	16.3	26.5	18.5	2.2	8.1	3.5	0.42	3.14	0.97
41	Mountain Province	31.4	25.1	33.1	5.9	5.1	8.0	1.71	1.47	2.59
42	Bohol	43.1	48.1	35.3	11.9	13.7	9.0	4.65	5.08	3.14
43	Quezon	30.3	29.3	30.0	7.4	7.9	6.9	2.33	2.93	2.38
44	Apayao	19.7	10.4	1.2	4.7	1.7	0.1	1.38	0.40	0.00
45	Albay	49.8	44.6	45.9	13.8	12.0	13.6	5.14	4.68	5.20
	Cagayan	31.7	35.5	31.7	6.5	7.5	6.9	1.90	2.22	2.14

HDI-1**Rank**

2003	PROVINCE	Incidence			Depth			Severity		
		1997	2000	2003	1997	2000	2003	1997	2000	2003
46	Misamis Occidental	37.1	43.2	43.1	10.9	13.1	10.1	4.41	5.24	3.46
47	Aklan	32.8	30.7	31.9	7.0	7.4	7.7	2.27	2.57	2.55
48	Catanduanes	29.6	43.2	21.9	6.7	10.7	4.9	2.21	3.56	1.50
49	Sorsogon	50.3	52.9	34.2	14.6	15.1	5.8	5.60	5.31	1.31
50	Camarines Norte	39.5	49.3	49.0	9.7	12.9	14.3	3.27	4.92	5.75
51	Leyte	41.9	44.3	47.0	13.2	14.3	13.5	5.45	6.23	5.08
52	Oriental Mindoro	32.8	42.0	40.6	7.7	13.0	10.4	2.41	5.24	3.81
53	Surigao del Norte	43.0	36.9	45.1	10.8	8.2	11.4	3.90	2.67	3.79
54	Southern Leyte	45.9	32.5	44.4	12.2	9.1	11.8	4.18	3.28	4.12
55	Occidental Mindoro	17.3	23.4	35.3	3.3	4.6	8.6	1.07	1.33	2.98
56	Palawan	26.1	25.4	50.5	5.6	6.6	13.5	1.75	2.44	4.96
57	Guimaras	17.6	16.5	48.8	3.7	3.3	10.1	1.05	0.81	2.99
58	Davao Oriental	40.2	28.3	41.7	12.4	7.5	9.9	4.74	2.68	3.45
59	Sultan Kudarat	21.6	35.3	34.1	3.2	5.8	6.0	0.71	1.40	1.48
60	Siquijor	57.5	51.1	51.9	18.2	15.6	13.7	7.96	6.17	4.36
61	Agusan del Sur	36.3	34.9	36.7	8.8	7.5	9.5	3.02	2.48	3.36
62	Negros Oriental	35.1	41.0	45.9	9.3	11.9	16.3	3.43	5.01	7.61
63	Marinduque	38.2	48.8	49.1	10.8	12.0	11.3	3.97	3.94	3.48
64	Biliran	57.0	47.1	48.5	15.4	13.5	12.1	5.81	5.07	3.69
65	Surigao del Sur	36.5	30.1	44.5	10.0	7.3	10.4	3.88	2.60	3.34
66	Northern Samar	55.0	48.0	39.6	19.5	14.6	8.5	9.00	6.10	2.64
67	Romblon	61.5	74.4	52.1	17.5	23.7	15.3	6.58	9.86	5.75
68	Lanao del Sur	40.8	48.1	38.8	10.4	9.7	11.7	3.75	2.71	4.81
69	Eastern Samar	70.9	61.7	44.5	25.1	18.7	13.6	10.87	7.48	5.31
70	Western Samar	55.2	51.3	46.5	15.6	14.4	11.8	5.88	5.07	4.09
71	Sarangani	38.1	43.5	46.5	10.4	14.4	13.3	3.69	6.41	5.03
72	Zamboanga del Norte	44.2	51.9	63.2	12.0	18.6	25.8	4.75	8.75	12.80
73	Masbate	64.9	70.8	60.8	20.6	24.2	21.8	8.47	10.46	10.00
74	Basilan	30.2	63.0	65.6	5.9	16.7	18.4	1.66	5.97	6.47
75	Tawi-tawi	52.1	75.3	69.9	13.4	25.8	23.9	4.91	11.14	10.06
76	Maguindanao	24.0	36.2	55.8	4.0	9.2	12.9	1.10	3.48	4.19
77	Sulu	87.5	92.0	88.8	33.1	37.3	37.2	14.53	17.04	17.80
	Philippines	25.1	27.5	25.7	6.4	7.2	6.7	2.31	2.71	2.47

Source: 1997, 2000 and 2003 FIES

Statistical Annex 6: Human Poverty Index

HDI-1 Rank 2003	PROVINCE	HPI Rank (2003)	HPI (2003)	HPI (2000)	Probability at birth of not surviving to age 40 (% of cohort) 1995	Popn not using improved water sources (%) 2003	Underweight children under age five (%) 2002	Income poverty rank minus HPI rank ¹
1	Metro Manila	4	7.7	9.6	9.6	14.8	1.6	-1
2	Benquet	24	13.7	14.6	15.4	28.0	1.5	-8
3	Laguna	2	7.2	11.6	12.1	2.8	2.4	2
4	Batanes	1	6.5	12.3	17.3	0.0	0.5	9
5	Rizal	17	11.3	15.4	11.3	24.8	2.5	-10
6	Cavite	8	8.9	8.8	11.7	6.2	4.7	0
7	Nueva Vizcaya	35	15.1	17.9	16.4	27.4	2.7	-33
8	Pampanga	7	8.1	14.9	10.0	0.6	2.8	-2
9	Bataan	3	7.3	10.3	12.2	1.9	3.6	6
10	Bulacan	6	8.1	9.0	10.6	5.9	1.4	5
11	Ilocos Norte	34	15.1	15.3	12.4	27.0	4.8	-28
12	Tarlac	21	13.0	13.7	12.3	4.6	3.8	-8
13	La Union	11	10.3	14.3	12.5	8.4	3.9	8
14	Misamis Oriental	14	10.5	13.3	13.0	7.6	6.3	18
15	Pangasinan	9	9.3	11.5	13.0	7.6	4.9	12
16	Zambales	10	10.2	15.9	13.0	15.4	4.7	4
17	Batangas	5	7.9	9.2	10.8	3.7	3.3	22
18	South Cotabato	25	13.7	20.1	14.5	11.7	6.5	-3
19	Davao del Sur	41	16.0	22.7	12.8	20.8	6.5	-15
20	Iloilo	47	17.0	19.0	13.4	31.4	6.8	-16
21	Cebu	32	14.9	16.8	11.0	28.1	7.9	13
22	Quirino	31	14.9	16.8	18.0	13.0	0.9	-19
23	Abra	12	10.4	13.8	18.1	1.3	8.5	5
24	Capiz	64	20.6	24.4	16.9	39.1	6.8	-40
25	Ifugao	59	19.4	35.8	21.4	16.9	2.3	-44
26	Ilocos Sur	22	13.3	13.9	14.4	9.4	4.1	-4
27	Negros Occidental	44	16.6	19.6	14.1	31.9	6.6	-16
28	Camiguin	16	11.3	13.7	16.7	0.0	4.1	21
29	Bukidnon	63	20.5	18.9	16.0	32.7	4.5	-28
30	Isabela	15	10.6	11.6	14.2	2.5	2.7	25
31	North Cotabato	60	19.8	21.6	14.6	25.6	8.1	-35
32	Davao del Norte	52	18.2	21.1	16.7	31.5	4.3	-22
33	Agusan del Norte	28	14.2	13.8	16.3	16.3	5.3	5
34	Nueva Ecija	13	10.5	8.9	11.7	4.2	2.8	25
35	Camarines Sur	36	15.4	13.5	13.1	16.0	13.8	14
36	Zamboanga del Sur	62	20.0	21.0	15.9	35.1	6.5	-10
37	Lanao del Norte	37	15.5	20.2	16.6	23.1	8.2	25
38	Antique	56	19.0	18.7	18.7	22.5	7.4	-22
39	Aurora	26	13.9	14.8	17.8	0.0	6.1	3
40	Kalinga	43	16.2	24.2	24.8	5.5	4.5	-23
41	Mt. Province	42	16.2	17.2	20.3	11.1	2.3	0

HDI-1 Rank 2003	PROVINCE	HPI			Probability at birth of not surviving to age 40 (%) of cohort)	Popn not using improved water sources (%)	Underweight children under age five (%)	Income poverty rank minus HPI rank ¹
		Rank (2003)	HPI (2003)	HPI (2000)	1995	2003	2002	
41	Bohol	48	17.1	16.4	13.5	32.9	4.8	-2
42	Quezon	39	15.7	16.5	13.7	33.3	4.7	-3
43	Apayao	49	17.2	26.4	20.0	30.5	5.6	-48
44	Albay	19	12.7	14.7	14.2	12.3	4.3	42
45	Cagayan	45	16.8	17.3	16.0	33.0	2.5	-6
46	Misamis Occidental	33	15.0	14.6	16.2	28.6	6.2	22
47	Aklan	40	15.8	19.5	17.8	18.7	3.9	1
48	Catanduanes	61	20.0	13.6	17.1	3.3	11.4	-38
49	Sorsogon	29	14.7	18.3	15.6	24.7	7.2	15
50	Camarines Norte	72	25.7	22.7	18.0	50.4	7.5	-4
51	Leyte	57	19.1	17.4	15.6	32.9	7.6	8
52	Oriental Mindoro	23	13.6	11.8	15.4	21.8	5.1	30
53	Surigao del Norte	27	14.1	15.4	15.6	14.8	7.3	32
54	Southern Leyte	38	15.6	14.1	16.4	13.0	4.7	18
55	Occidental Mindoro	46	16.9	15.3	16.6	8.2	4.6	1
56	Palawan	65	21.0	20.8	18.1	42.9	4.8	5
57	Guimaras	73	27.7	24.8	15.7	72.3	6.2	-6
58	Davao Oriental	67	22.4	19.6	15.6	31.8	4.7	-13
59	Sultan Kudarat	51	17.8	17.7	16.0	37.1	8.9	-8
60	Siquijor	55	18.9	13.1	16.0	8.0	7.3	16
61	Agusan del Sur	66	21.9	23.1	19.3	34.8	6.9	-18
62	Negros Oriental	58	19.4	21.9	15.1	28.8	6.7	2
63	Marinduque	18	12.2	12.2	15.3	15.3	3.7	51
64	Biliran	20	12.8	17.2	18.1	5.0	9.2	46
65	Surigao del Sur	50	17.6	17.3	19.3	16.7	9.2	8
66	Northern Samar	54	18.8	22.4	19.2	20.4	11.9	-3
67	Romblon	30	14.8	15.7	17.0	21.6	4.6	42
68	Lanao del Sur	69	23.2	35.9	22.9	41.5	4.1	-20
69	Eastern Samar	53	18.7	15.9	19.8	12.2	10.4	4
70	Western Samar	68	22.8	21.9	20.4	15.4	12.7	-4
71	Sarangani	70	23.8	22.7	15.1	21.7	4.9	-7
72	Zamboanga del Norte	71	24.8	24.7	16.6	43.6	7.9	4
73	Masbate	74	28.0	29.9	17.4	72.0	6.2	0
74	Basilan	75	29.8	-	18.1	66.8	5.4	1
75	Tawi-Tawi	78	39.1	42.4	29.7	81.9	7.2	-1
76	Maguindanao	76	31.7	29.4	24.3	47.1	6.4	-3
77	Sulu	77	32.7	37.8	28.6	68.7	5.1	1
	Philippines		14.9	14.7	16.2	20.92	4.6	

¹ A positive figure indicates that HPI rank of the province is higher than its income poverty rank, a negative the opposite.

Source: 1. Fieger and Cabigon 1999; 2. FLEMMS 1994; 3. 2003 FIES; 4. NNC "Operation Timbang" (2002)

Statistical Annex 7: Inequality in Consumption, 2003

HDI-1 Rank 2003	PROVINCE	SHARE OF CONSUMPTION					INEQUALITY MEASURES			
		Poorest 10%	Poorest 20%	Richest 20%	Richest 10%	Richest 10% to poorest 10%	Richest 20% to poorest 20%	Gini index 2003	Gini index 2000	Gini index 1997
	Metro Manila	3.2	7.4	45.2	29.5	9.4	6.1	39.8	44.9	44.9
1	Benguet	2.8	6.5	45.0	27.8	10.1	6.9	40.6	34.2	37.6
2	Laguna	3.2	7.7	41.9	25.9	8.1	5.5	38.9	34.5	39.0
3	Batanes	6.0	12.2	37.8	17.7	3.0	3.1	34.0	35.8	33.8
4	Rizal	3.5	8.2	42.0	26.8	7.5	5.1	37.5	44.5	37.5
5	Cavite	3.4	7.8	41.3	25.4	7.4	5.3	36.6	33.9	36.4
6	Nueva Vizcaya	3.8	8.5	44.1	28.1	7.5	5.2	41.8	35.0	31.3
7	Pampanga	4.0	8.7	41.7	26.4	6.6	4.8	35.7	27.6	43.9
8	Bataan	3.4	7.9	41.4	26.0	7.6	5.2	36.6	35.0	31.1
9	Bulacan	3.6	8.5	41.2	25.7	7.1	4.8	33.5	31.8	31.2
10	Ilocos Norte	4.0	9.0	41.1	25.5	6.4	4.6	39.6	34.5	37.6
11	Tarlac	3.5	8.3	42.1	26.6	7.6	5.1	35.9	33.2	41.8
12	La Union	3.5	8.0	43.6	28.7	8.2	5.4	42.4	38.2	37.2
13	Misamis Oriental	2.6	6.2	47.6	30.5	11.9	7.7	44.4	40.1	47.2
14	Pangasinan	3.6	8.4	42.4	27.2	7.5	5.0	38.1	34.2	26.9
15	Zambales	4.0	9.1	41.3	25.6	6.4	4.5	35.4	34.8	34.3
16	Batangas	3.0	7.1	44.3	28.6	9.5	6.2	40.9	35.9	38.2
17	South Cotabato	2.7	6.4	47.3	30.6	11.5	7.4	45.7	41.3	37.1
18	Davao del Sur	2.6	6.2	47.1	30.8	11.8	7.6	43.1	38.4	37.6
19	Iloilo	2.8	6.5	48.1	31.9	11.6	7.4	44.9	42.8	38.5
20	Cebu	2.4	5.8	48.9	31.7	13.4	8.4	44.6	40.3	44.3
21	Quirino	4.5	8.8	42.7	26.5	5.9	4.9	43.2	34.0	41.8
22	Abra	3.6	7.9	43.9	27.5	7.7	5.5	43.2	41.1	38.6
23	Capiz	2.9	6.7	49.0	31.8	10.9	7.3	48.6	42.6	36.2
24	Ifugao	4.4	9.2	40.5	25.1	5.7	4.4	39.6	35.8	41.0
25	Ilocos Sur	3.5	8.3	41.6	26.2	7.4	5.0	39.5	35.8	34.0
26	Negros Occidental	3.1	7.4	46.2	29.8	9.5	6.3	41.7	40.5	42.6
27	Camiguin	3.1	7.7	48.0	27.9	8.9	6.3	45.5	37.6	42.6
28	Bukidnon	2.6	6.1	49.2	33.1	12.7	8.0	46.6	40.0	28.4
29	Isabela	3.6	8.0	44.4	29.2	8.1	5.5	40.9	39.9	43.3
30	North Cotabato	3.5	8.5	40.4	25.1	7.1	4.8	36.9	36.1	36.9
31	Davao del Norte	2.9	6.8	46.6	30.3	10.5	6.8	43.0	38.0	41.1
32	Agusan del Norte	3.0	6.9	44.1	27.6	9.1	6.4	41.1	40.5	30.4
33	Nueva Ecija	4.1	9.3	38.7	24.1	5.8	4.2	32.9	28.8	34.5
34	Camarines Sur	3.0	6.8	49.7	33.6	11.2	7.3	47.4	40.4	36.7
35	Zamboanga del Sur	2.7	6.4	49.6	33.1	12.4	7.8	49.0	38.0	37.9
36	Lanao del Norte	2.4	5.6	57.3	41.4	17.0	10.3	53.2	47.5	33.5
37	Antique	3.4	7.4	50.4	34.7	10.2	6.8	49.4	38.5	37.2
38	Aurora	3.8	8.9	40.8	25.3	6.7	4.6	39.1	35.3	41.4
39	Kalinga	3.8	8.5	39.0	23.9	6.3	4.6	41.1	36.7	37.3

HDI-1 Rank 2003	PROVINCE	SHARE OF CONSUMPTION				INEQUALITY MEASURES				
		Poorest 10%	Poorest 20%	Richest 20%	Richest 10%	Richest 10% to poorest 10%	Richest 20% to poorest 20%	Gini index 2003	Gini index 2000	Gini index 1997
40	Mt. Province	3.7	8.2	42.5	27.3	7.3	5.2	44.1	36.6	37.5
41	Bohol	3.4	7.7	45.3	30.1	9.0	5.9	41.2	43.8	42.7
42	Quezon	3.4	8.2	43.7	29.4	8.5	5.3	38.9	38.0	40.5
43	Apayao	5.0	11.3	34.1	19.2	3.8	3.0	28.3	25.9	28.4
44	Albay	3.3	7.4	47.2	31.0	9.5	6.4	43.9	40.4	42.1
45	Cagayan	3.8	8.6	42.7	27.4	7.2	5.0	38.9	31.1	40.5
46	Misamis Occidental	3.4	8.2	46.2	30.0	8.8	5.7	42.8	40.1	37.0
47	Aklan	3.7	8.3	44.3	29.3	8.0	5.3	43.1	37.5	39.9
48	Catanduanes	4.7	9.7	40.3	26.9	5.7	4.2	38.3	48.7	38.1
49	Sorsogon	4.8	9.7	43.1	27.3	5.7	4.4	36.4	36.1	32.3
50	Camarines Norte	2.9	6.2	53.2	39.3	13.5	8.7	50.7	42.5	34.5
51	Leyte	3.1	7.1	49.9	34.6	11.3	7.0	45.4	46.3	39.9
52	Oriental Mindoro	3.4	7.9	45.4	30.0	8.9	5.7	40.1	40.4	34.4
53	Surigao del Norte	3.9	8.4	45.7	28.9	7.5	5.4	43.3	34.9	38.7
54	Southern Leyte	3.7	7.8	46.7	32.0	8.6	6.0	43.2	36.9	42.7
55	Occidental Mindoro	3.2	7.6	46.0	31.5	9.7	6.1	43.6	36.9	36.1
56	Palawan	3.4	7.8	47.0	32.0	9.4	6.0	41.4	37.5	40.2
57	Guimaras	4.5	10.0	40.9	24.3	5.5	4.1	38.3	32.5	39.4
58	Davao Oriental	3.7	8.6	41.4	26.8	7.2	4.8	37.5	42.5	40.7
59	Sultan Kudarat	4.6	10.1	41.3	27.4	5.9	4.1	36.5	30.2	35.4
60	Siquijor	4.6	8.9	43.9	29.2	6.4	4.9	39.0	40.4	36.4
61	Agusan del Sur	3.4	7.8	45.3	30.1	8.9	5.8	42.8	31.8	40.9
62	Negros Oriental	2.3	5.4	54.2	37.3	16.3	10.1	49.0	43.9	37.2
63	Marinduque	4.1	9.3	45.6	32.2	7.8	4.9	40.1	35.3	36.6
64	Biliran	5.7	9.1	43.9	31.9	5.6	4.8	45.7	37.1	37.3
65	Surigao del Sur	3.8	8.5	45.4	30.2	7.9	5.3	39.8	38.6	30.3
66	Northern Samar	4.4	9.2	40.7	26.4	6.0	4.4	36.8	40.5	41.4
67	Romblon	3.8	8.4	44.5	29.2	7.6	5.3	38.0	38.8	46.9
68	Lanao del Sur	3.3	7.5	41.9	26.2	8.1	5.6	40.9	23.6	29.9
69	Eastern Samar	3.0	6.8	50.6	34.7	11.6	7.5	46.8	38.5	39.2
70	Western Samar	3.4	7.7	48.3	32.5	9.5	6.2	43.8	36.0	38.0
71	Sarangani	3.8	9.0	40.3	25.4	6.7	4.5	36.2	35.9	34.7
72	Zamboanga del Norte	2.8	6.3	52.3	36.2	13.0	8.2	50.9	47.6	44.4
73	Masbate	3.1	7.2	48.2	31.3	10.2	6.7	46.7	37.0	38.9
74	Basilan	5.1	11.1	38.6	23.2	4.5	3.5	32.4	27.1	28.5
75	Tawi-Tawi	5.0	10.9	34.3	20.0	4.0	3.2	28.9	27.6	30.5
76	Maguindanao	4.8	10.6	38.5	25.2	5.3	3.6	34.5	36.0	24.1
77	Sulu	5.1	11.8	33.0	19.6	3.9	2.8	26.8	19.2	22.8
	Philippines	2.7	6.4	47.2	31.0	11.7	7.3	43.8	42.9	42.7

Statistical Annex 8: Baseline Human Insecurity Indicators

HDI-1 2003 Rank	Province	Average number of armed encounters (1986-2004)	Disparity in access to convenient water source (2000)	% of population without access to electricity (2000)	% adult with less 6 years of schooling (2000)	% CARP accomplishments 1972-2004 (%hectares)	Minoritization: proportion of original settlers (%) 2000	Average per capita expenditure of the 3rd quintile (NCR 1997 prices) 2003
Majority								
	Metro Manila	1.37	..	7.3	4.5		71.3	29,013
44	Albay	1.53	..	42.4	13.9	55	97.8	13,454
8	Bataan	0.37	..	14.2	12.7	91	3.9	24,858
16	Batangas	0.32	..	11.8	15.3	50	96.4	18,391
41	Bohol	0.74	..	41.7	28.5	102	94.6	14,611
9	Bulacan	0.58	..	6.2	11.4	55	90.7	22,301
50	Camarines Norte	0.32	..	39.1	10.3	43	80.1	12,568
34	Camarines Sur	1.21	..	38.9	15.2	43	94.7	13,403
48	Catanduanes	0.00	..	42.6	16.9	95	98.5	19,459
20	Cebu	0.47	..	30.7	24.8	62	97.0	16,641
31	Davao del Norte	1.63	..	46.6	24.0	83	61.8	18,338
69	Eastern Samar	0.79	..	56.5	26.5	129	98.1	12,006
2	Laguna	0.47	..	8.3	9.8	70	90.5	26,177
51	Leyte	0.53	..	48.1	30.2	82	97.9	13,068
64	Biliran ¹			49.9	32.3	82	97.0	13,550
63	Marinduque	0.11	..	45.0	20.4	73	97.0	11,845
13	Misamis Oriental	0.53	..	29.4	15.2	103	81.7	18,293
26	Negros Occidental	0.89	..	42.7	25.5	49	79.9	18,280
62	Negros Oriental	0.47	..	63.3	38.7	63	94.8	12,061
33	Nueva Ecija	0.84	..	19.5	14.6	91	0.6	14,946
55	Occidental Mindoro	0.21	..	58.9	25.6	90	73.3	16,618
7	Pampanga	0.84	..	9.0	10.2	106	86.6	23,544
42	Quezon	2.42	..	31.9	17.2	76	92.7	14,462
4	Rizal	0.47	..	10.0	7.8	84	81.2	22,964
70	Western Samar	0.74	..	54.2	40.3	79	92.3	12,004
60	Siquijor	0.00	..	57.9	22.1	112	99.0	11,428
49	Sorsogon	0.63	..	36.3	15.9	55	97.5	12,237
54	Southern Leyte	0.11	..	47.5	26.1	118	80.9	13,652
11	Tarlac	0.53	..	17.9	13.1	110	84.6	22,218
38	Aurora	0.42	..	40.3	17.8	115	4.8	21,042
Minority								
47	Aklan	0.16	72.42	32.8	22.1	97	94.0	14,755
37	Antique	0.11	39.25	51.2	26.2	96	95.6	15,385
74	Basilan	0.58	29.45	62.7	39.7	97	68.4	10,298
3	Batanes	0.00	8.03	15.9	9.9	106	95.2	34,307
23	Capiz	0.26	77.31	48.4	26.6	67	89.5	17,770
76	Maguindanao	4.79	65.75	75.7	39.7	..	79.7	10,753
40	Mt. Province	0.16	28.07	45.1	28.2	129	80.4	15,761
67	Romblon	0.00	35.75	58.5	23.3	93	88.0	11,448
77	Sulu	0.32	34.72	82.7	39.1	..	95.4	6,720
75	Tawi-Tawi	0.00	72.93	82.8	24.9		26.0	8,193

Mixed

22	Abra	0.21	12.76	35.2	18.6	268	89.7	21,994
32	Agusan del Norte	0.32	25.93	38.1	18.9	83	76.5	18,109
61	Agusan del Sur	0.74	37.43	59.4	31.7	104	66.5	14,404
1	Benguet	0.37	32.96	22.2	12.5	48	51.2	25,272
28	Bukidnon	0.95	66.31	57.5	32.3	107	73.6	17,067
45	Cagayan	1.32	32.47	42.8	24.3	104	94.6	14,935
27	Camiguin	0.00	3.58	45.3	13.9	109	36.4	16,779
5	Cavite	0.16	6.03	8.0	8.8	40	84.9	25,804
18	Davao del Sur	1.42	27.69	34.7	20.1	99	38.9	19,531
58	Davao Oriental	1.16	36.83	57.2	33.1	123	68.4	13,732
24	Ifugao	0.05	21.65	63.2	33.5	85	72.8	19,747
10	Ilocos Norte	0.58	24.92	11.0	14.9	74	96.9	22,450
25	Ilocos Sur	0.42	19.53	20.4	15.9	106	92.0	19,835
19	Iloilo	0.21	34.32	40.5	16.7	44	97.2	17,642
57	Guimaras ²		49.08	58.6	19.1	56	94.0	14,831
29	Isabela	1.11	41.40	29.9	20.4	100	86.6	15,719
39	Kalinga	0.79	16.68	55.7	27.8	145	64.0	17,811
43	Apayao ³		64.33	66.6	26.0	77	37.5	23,585
12	La Union	0.26	27.43	17.6	11.5	114	91.9	19,403
36	Lanao del Norte	1.95	50.77	39.9	24.8	70	62.1	13,354
68	Lanao del Sur	0.42	80.80	39.6	22.4	62	90.0	12,785
73	Masbate	0.53	66.16	77.6	33.4	72	91.2	10,222
46	Misamis Occidental	0.42	51.32	37.3	20.8	93	81.5	13,583
30	North Cotabato	3.58	62.40	63.8	26.8	85	7.1	15,533
66	Northern Samar	0.79	54.21	66.5	34.7	77	93.7	14,133
6	Nueva Vizcaya	0.05	29.38	41.7	21.4	111	87.9	24,400
52	Oriental Mindoro	0.63	38.31	56.4	24.5	54	85.8	13,647
56	Palawan	0.11	67.21	62.8	24.8	114	40.3	12,710
14	Pangasinan	0.37	41.30	23.8	9.9	83	93.9	18,247
21	Quirino	0.16	24.14	48.7	22.9	111	1.6	20,730
17	South Cotabato	1.05	38.17	31.8	18.8	108	11.8	19,323
71	Sarangani ⁴		61.02	63.4	42.0	137	28.6	12,674
59	Sultan Kudarat	0.84	55.80	57.1	25.4	88	7.6	13,257
53	Surigao del Norte	0.32	10.65	43.2	23.4	89	15.2	12,278
65	Surigao del Sur	0.79	65.82	44.1	26.3	74	84.9	13,528
15	Zambales	0.53	19.76	17.5	9.9	115	41.3	19,013
72	Zamboanga del Norte	0.68	27.65	65.6	33.2	116	70.7	8,979
35	Zamboanga del Sur	1.47	53.00	52.4	28.8	112	55.4	13,767
PHILIPPINES		0.68	..	32.0	18.1	81	75.9	16,281

¹ part of Leyte using the 1985 provincial classification

² part of Iloilo using the 1985 provincial classification

³ part of Kalinga using the 1985 provincial classification

⁴ part of South Cotabato using the 1985 provincial classification

Sources: Edillon (2005); C.Bautista (2005); CPH 2000; FIES 2003

Statistical Annex 9: Open Unemployment and Underemployment Rates, 2001-2003

HDI-1 Rank 2003	Province	OPEN UNEMPLOYMENT RATE						
		1997	1998	1999	2000	2001	2002	2003
	Metro Manila	13.8	16.0	16.2	17.5	17.0	17.7	17.2
1	Benguet	7.6	7.7	8.5	10.2	11.3	11.2	12.3
2	Laguna	9.5	9.9	10.5	12.5	14.5	15.3	16.4
3	Batanes	2.3	2.5	4.0	4.4	1.6	1.1	4.0
4	Rizal	7.1	10.3	11.2	13.2	12.4	13.8	13.7
5	Cavite	10.1	10.2	10.2	15.4	15.9	15.5	16.0
6	Nueva Vizcaya	5.1	5.4	3.9	5.4	4.9	7.1	4.2
7	Pampanga	9.7	11.0	11.6	11.5	13.2	15.1	13.2
8	Bataan	13.0	14.0	14.9	14.2	15.1	16.5	14.3
9	Bulacan	7.5	9.3	8.6	8.3	8.8	10.0	11.0
10	Ilocos Norte	3.6	4.8	4.0	6.3	4.9	7.9	6.7
11	Tarlac	10.8	12.6	11.6	15.8	11.5	13.9	12.7
12	La Union	6.2	6.3	7.8	8.2	8.0	10.1	9.1
13	Misamis Oriental	8.4	9.4	9.6	10.0	8.2	9.0	9.5
14	Pangasinan	10.0	11.0	9.9	12.2	12.5	14.3	14.3
15	Zambales	20.1	13.3	12.6	14.0	13.4	13.3	14.7
16	Batangas	8.7	9.4	9.4	13.3	12.0	12.7	13.4
17	South Cotabato	9.6	11.8	9.7	11.1	13.2	16.3	14.9
18	Davao del Sur	7.4	10.1	9.2	10.9	10.5	11.2	10.1
19	Iloilo	11.2	13.2	10.8	10.0	11.9	12.1	11.3
20	Cebu	11.0	14.3	13.3	12.6	13.7	14.3	14.7
21	Quirino	3.5	5.6	6.0	8.6	5.7	7.5	8.0
22	Abra	5.7	5.4	6.7	8.4	5.7	7.7	7.9
23	Capiz	5.3	6.5	4.0	5.9	5.9	6.8	6.0
24	Ifugao	4.3	6.5	4.0	5.1	5.4	7.9	7.1
25	Ilocos Sur	8.0	7.5	6.9	9.7	9.0	9.3	8.2
26	Negros Occidental	8.5	10.0	8.5	13.4	10.0	9.1	9.2
27	Camiguin	3.0	3.5	2.2	2.3	4.0	3.2	0.0
28	Bukidnon	3.7	5.5	3.4	4.5	4.9	4.8	5.2
29	Isabela	5.4	8.7	5.9	7.1	5.6	8.7	9.1
30	North Cotabato	4.4	6.2	5.4	5.5	5.0	5.3	5.2
31	Davao del Norte	8.4	8.1	7.2	6.9	8.8	10.4	10.3
32	Agusan del Norte	13.7	16.3	12.2	13.8	14.1	15.1	15.5
33	Nueva Ecija	6.1	6.9	9.3	10.7	9.8	11.2	9.1
34	Camarines Sur	5.8	7.5	7.8	10.4	8.7	8.8	7.9
35	Zamboanga del Sur	5.4	6.2	6.0	7.6	6.7	7.4	7.1
36	Lanao del Norte	10.2	11.3	9.3	15.5	13.2	10.5	8.3
37	Antique	8.7	9.6	9.7	10.7	11.9	11.2	15.8
38	Aurora	12.4	14.5	15.4	18.9	15.1	14.6	16.2
39	Kalinga	6.6	7.2	4.7	4.3	4.1	9.5	8.6

UNDEREMPLOYMENT RATE

1997	1998	1999	2000	2001	2002	2003
15.2	15.5	15.8	14.3	11.1	9.7	9.6
9.9	10.6	7.5	19.1	10.8	6.8	10.2
23.1	19.9	17.6	19.8	17.9	16.6	13.2
0.3	0.7	0.1	4.8	2.6	9.0	11.8
17.4	12.5	12.6	8.8	8.2	7.6	6.0
9.3	15.6	15.3	14.6	17.0	15.0	17.0
45.0	44.8	36.8	35.6	43.9	48.6	38.1
16.0	14.5	18.4	12.8	8.9	11.2	8.7
13.1	10.8	11.5	17.9	16.0	22.8	19.9
10.6	14.1	20.1	13.0	7.0	6.8	7.8
22.7	23.1	20.3	27.0	23.2	29.5	22.0
10.0	7.4	12.9	6.4	5.6	8.5	8.2
17.5	16.2	20.5	21.9	13.0	16.1	24.2
23.6	28.5	36.2	25.6	14.5	18.2	19.7
17.6	18.2	16.8	18.8	11.2	13.0	10.4
5.5	7.3	4.3	7.1	7.9	3.7	4.2
21.6	21.6	22.7	23.2	16.2	15.6	10.2
50.6	50.8	50.8	45.6	40.6	35.9	34.1
31.3	30.4	27.9	28.8	19.2	16.4	18.6
38.9	36.0	43.9	41.5	28.5	26.6	31.1
8.9	9.8	10.7	13.3	10.0	0.0	10.5
15.3	15.2	9.4	24.3	12.8	15.3	28.6
14.3	11.7	8.8	10.4	10.6	9.3	9.1
14.1	14.7	22.1	24.0	21.6	22.6	22.7
8.3	8.4	13.0	21.2	19.3	27.0	26.6
8.1	5.4	8.0	16.3	5.7	4.4	7.0
16.4	19.1	15.8	20.3	14.2	17.6	18.4
5.2	4.1	1.2	17.7	5.2	13.7	6.3
62.9	51.9	48.1	38.9	46.9	44.6	38.1
14.2	19.5	16.4	24.4	19.4	20.2	17.5
46.9	38.8	33.3	32.4	21.2	16.5	14.9
34.6	36.0	31.5	29.9	14.5	14.6	18.1
34.9	35.2	42.2	38.1	26.9	28.1	26.6
7.8	10.1	8.1	6.8	5.3	8.4	8.3
52.2	52.7	58.1	48.9	28.6	28.7	34.8
24.6	21.4	22.6	14.4	12.6	10.1	13.4
35.9	41.6	37.8	45.9	33.1	32.8	40.7
23.8	13.0	14.5	22.1	18.1	16.4	20.8
27.7	36.2	41.1	42.1	35.2	31.8	33.4
31.5	37.8	28.0	31.0	12.0	12.8	12.1

Statistical Annex 9

HDI-1 Rank 2003	Province	OPEN UNEMPLOYMENT RATE						
		1997	1998	1999	2000	2001	2002	2003
40	Mt. Province	3.3	3.1	3.5	4.7	3.8	4.5	3.0
41	Bohol	8.4	11.4	7.2	10.1	8.3	10.8	9.9
42	Quezon	7.8	8.1	6.9	8.0	7.0	6.8	8.4
43	Apayao	6.4	12.2	7.1	4.3	3.6	3.7	2.7
44	Albay	9.6	11.7	10.2	10.3	10.5	13.9	12.2
45	Cagayan	3.7	5.4	3.9	5.0	2.9	2.8	3.2
46	Misamis Occidental	9.2	11.2	11.8	10.7	8.2	9.0	8.9
47	Aklan	6.8	7.1	6.9	13.2	9.0	10.7	10.2
48	Catanduanes	6.1	8.3	7.8	10.4	9.7	6.8	7.1
49	Sorsogon	10.0	10.4	10.3	13.7	7.5	7.0	6.8
50	Camarines Norte	8.4	11.0	11.6	10.5	7.4	9.1	6.9
51	Leyte	7.8	8.9	7.2	11.6	10.0	8.2	9.1
52	Oriental Mindoro	5.5	7.9	6.9	8.6	8.0	7.6	6.0
53	Surigao del Norte	4.2	5.0	3.7	3.4	3.8	6.1	6.3
54	Southern Leyte	8.5	11.1	10.6	12.0	10.4	12.5	13.8
55	Occidental Mindoro	6.5	7.6	6.9	10.6	7.3	10.7	10.6
56	Palawan	5.5	7.6	8.9	7.8	9.0	9.4	11.3
57	Guimaras	8.9	8.0	8.0	7.7	7.1	10.6	10.4
58	Davao Oriental	6.5	7.0	8.0	8.8	6.0	8.2	5.9
59	Sultan Kudarat	3.7	4.9	5.3	7.5	5.8	4.6	5.3
60	Siquijor	5.5	4.4	2.4	3.3	5.0	3.7	0.0
61	Agusan del Sur	5.1	7.7	6.9	7.4	7.0	6.8	6.8
62	Negros Oriental	4.4	6.8	5.0	10.4	7.6	8.6	10.0
63	Marinduque	6.3	9.0	6.7	8.3	7.9	8.8	8.3
64	Biliran	5.3	6.9	7.4	10.3	8.8	6.5	7.7
65	Surigao del Sur	12.9	12.9	10.9	10.4	9.9	13.6	12.1
66	Northern Samar	9.1	8.9	7.7	11.6	9.1	8.6	8.0
67	Romblon	9.8	8.3	9.7	9.2	8.8	10.2	7.5
68	Lanao del Sur	5.7	5.5	4.4	8.3	6.5	7.0	9.6
69	Eastern Samar	11.4	8.2	8.3	13.1	9.9	11.4	8.3
70	Western Samar	8.6	8.2	6.8	8.0	6.4	7.8	6.5
71	Sarangani	4.9	5.8	6.0	8.2	8.4	12.1	11.1
72	Zamboanga del Norte	8.6	10.9	8.1	7.3	7.8	7.7	7.8
73	Masbate	4.1	5.7	5.7	6.2	5.1	6.1	5.7
74	Basilan	4.8	5.8	9.5	9.6	8.5	8.8	10.4
75	Tawi-Tawi	3.2	5.0	3.9	4.6	6.0	4.9	2.9
76	Maguindanao	4.4	6.6	5.5	5.5	8.0	8.6	7.7
77	Sulu	1.8	4.0	3.7	2.8	3.4	4.7	3.1
	Philippines	8.6	10.1	9.4	11.1	10.6	11.4	11.2

Source: 1997 to 2003 LFS

UNDEREMPLOYMENT RATE

1997	1998	1999	2000	2001	2002	2003
16.8	16.6	21.1	28.7	20.8	12.9	9.0
10.8	10.7	8.9	10.6	5.8	9.7	8.6
17.5	14.1	15.1	17.1	13.2	16.3	14.7
38.0	43.8	45.0	48.6	27.1	42.1	27.1
43.3	46.8	50.7	41.4	38.7	44.5	35.7
11.5	12.7	9.9	12.0	13.9	10.1	9.7
15.6	12.1	12.7	13.7	21.3	20.8	26.8
14.0	13.0	15.0	12.1	8.9	10.5	16.6
27.1	48.4	49.1	49.7	49.2	49.1	39.6
23.4	26.7	28.4	25.9	16.1	19.2	17.5
33.6	27.4	30.6	27.4	25.6	23.5	28.4
21.3	17.3	15.4	20.0	22.2	20.3	22.4
18.9	17.3	22.0	34.7	15.8	10.0	12.3
9.8	6.8	11.2	8.7	9.6	7.5	8.1
28.6	25.4	27.1	27.1	22.7	29.0	24.1
31.6	33.3	28.2	41.5	23.2	20.1	23.1
7.8	3.6	11.5	19.3	19.4	11.7	11.3
28.9	34.8	41.5	32.3	35.3	35.5	32.8
46.1	41.4	48.0	37.6	39.6	32.3	36.4
7.9	8.1	8.9	16.2	7.7	8.3	6.7
3.8	5.9	16.6	9.7	7.1	20.9	17.8
16.3	12.7	13.8	10.5	13.4	13.3	13.6
23.3	13.2	17.4	16.4	9.8	12.6	14.0
24.9	23.0	21.7	27.5	26.0	24.9	34.5
24.5	20.6	16.5	12.3	19.0	29.8	16.7
32.1	37.7	42.6	39.0	26.2	32.4	32.8
16.0	15.6	13.4	20.7	10.2	7.2	7.5
18.6	16.4	13.3	22.3	17.8	13.2	12.5
2.2	11.5	5.6	7.9	2.7	4.0	6.0
37.2	50.4	48.9	50.0	39.5	48.9	63.1
41.4	36.4	34.4	37.1	27.3	27.7	31.6
24.6	31.5	29.2	23.8	35.5	30.7	25.3
29.8	30.2	36.4	33.4	41.4	36.4	33.9
22.9	31.6	21.7	26.6	27.5	24.8	21.5
3.0	3.3	5.7	6.6	7.7	5.7	13.6
26.9	18.4	13.2	15.5	2.6	3.3	3.9
25.8	24.1	20.8	20.3	18.4	24.0	17.8
8.3	5.1	4.3	5.1	3.3	4.2	2.3
22.1	21.8	22.3	21.9	17.03	16.99	17.04

Statistical Annex 10: Gender inequality in economic activity, 2001-2003

HDI-1 Rank 2003	PROVINCE	Female economic activity rate		Employment by Economic Activity						Contributing family	
		(age 15 and above)		Agriculture		Industry		Services		Workers	
		rate % male rate	As % of male rate	Female	Male	Female	Male	Female	Male	Female (as % of total)	Male (as % of total)
	Metro Manila	53.0	67.8	0.4	1.6	16.0	29.2	83.6	69.2	61.8	38.2
1	Benguet	48.3	64.1	23.6	30.4	14.0	27.6	62.4	42.0	58.4	41.6
2	Laguna	54.5	68.1	4.1	19.2	30.0	31.9	65.9	48.9	60.6	39.4
3	Batanes	80.8	81.4	54.2	58.4	2.1	17.3	43.7	24.3	42.5	57.5
4	Rizal	49.8	64.8	1.6	8.3	25.4	36.6	73.0	55.2	63.8	36.2
5	Cavite	50.3	63.4	4.8	14.0	27.2	31.1	68.1	54.8	55.3	44.7
6	Nueva Vizcaya	64.6	76.2	46.3	63.2	3.1	12.7	50.6	24.2	59.7	40.3
7	Pampanga	41.1	51.4	3.4	19.8	21.1	31.1	75.4	49.1	38.6	61.4
8	Bataan	50.8	63.8	6.5	31.2	21.8	25.3	71.7	43.5	38.1	61.9
9	Bulacan	50.5	62.0	6.4	17.5	25.2	30.3	68.4	52.2	47.5	52.5
10	Ilocos Norte	57.1	69.1	51.9	61.8	4.8	10.5	43.3	27.8	48.1	51.9
11	Tarlac	49.0	57.0	27.9	47.6	13.2	19.1	58.8	33.3	45.8	54.2
12	La Union	57.1	68.7	37.7	56.7	4.4	14.1	57.9	29.2	51.2	48.8
13	Misamis Oriental	57.9	69.7	15.7	34.4	7.7	18.2	76.6	47.4	57.8	42.2
14	Pangasinan	41.6	52.5	15.2	44.7	9.6	18.9	75.2	36.4	45.4	54.6
15	Zambales	49.1	61.3	9.2	34.9	11.6	20.1	79.2	45.1	49.0	51.0
16	Batangas	51.8	62.1	16.2	41.3	24.7	21.4	59.1	37.3	39.2	60.8
17	South Cotabato	57.3	68.4	29.6	53.4	7.9	13.7	62.5	33.0	51.6	48.4
18	Davao del Sur	55.1	66.4	21.3	42.5	8.3	19.3	70.4	38.2	53.4	46.6
19	Iloilo	52.2	65.5	29.0	51.8	6.8	14.5	64.2	33.7	47.8	52.2
20	Cebu	53.0	67.4	18.2	32.2	21.0	26.7	60.8	41.1	55.4	44.6
21	Quirino	56.6	64.5	40.2	67.1	4.0	11.9	55.8	21.0	52.0	48.0
22	Abra	50.0	59.6	54.0	74.7	2.2	7.1	43.8	18.2	53.1	46.9
23	Capiz	62.8	75.5	42.6	57.5	4.3	10.9	53.1	31.6	62.3	37.7
24	Ifugao	68.1	82.2	70.5	68.1	4.6	13.7	24.9	18.3	71.5	28.5
25	Ilocos Sur	53.8	63.5	46.9	67.1	3.5	9.4	49.6	23.4	57.0	43.0
26	Negros Occidental	53.3	65.7	32.4	57.8	6.2	11.9	61.5	30.4	51.9	48.1
27	Camiguin	72.8	75.5	43.3	62.4	4.5	12.4	52.2	25.1	48.5	51.5
28	Bukidnon	76.7	82.0	62.8	75.4	1.8	6.7	35.4	17.9	56.8	43.2
29	Isabela	49.8	58.6	39.3	61.8	3.3	12.4	57.5	25.8	50.6	49.4
30	North Cotabato	58.9	67.5	50.0	69.6	3.9	8.7	46.1	21.7	45.8	54.2
31	Davao del Norte	49.4	59.3	37.7	64.0	4.9	16.1	57.4	19.9	45.9	54.1
32	Agusan del Norte	59.2	69.8	28.4	44.5	6.4	18.2	65.2	37.4	50.9	49.1
33	Nueva Ecija	42.5	50.4	26.4	53.3	9.2	14.7	64.4	31.9	40.9	59.1
34	Camarines Sur	56.5	66.7	40.0	61.7	5.2	12.0	54.8	26.3	50.6	49.4
35	Zamboanga del Sur	43.0	51.7	32.7	58.4	6.5	11.3	60.9	30.2	46.5	53.5
36	Lanao del Norte	57.3	68.2	29.0	51.3	4.6	14.4	66.4	34.4	53.6	46.4
37	Antique	49.7	61.8	30.5	68.6	9.0	7.9	60.5	23.5	41.5	58.5

38	Aurora	62.9	73.3	23.4	55.1	12.6	14.3	64.0	30.6	48.0	52.0
39	Kalinga	51.6	63.1	61.5	72.5	4.4	11.9	34.1	15.6	54.4	45.6
40	Mt. Province	81.6	90.5	76.6	77.6	1.6	8.8	21.8	13.7	64.4	35.6
41	Bohol	46.5	56.7	32.9	62.3	21.2	13.0	45.9	24.7	49.3	50.7
42	Quezon	49.7	58.8	20.2	48.2	10.4	16.7	69.4	35.1	50.7	49.3
43	Apayao	54.1	63.2	74.0	84.7	0.7	4.5	25.3	10.9	60.0	40.0
44	Albay	53.9	65.6	13.8	44.6	23.6	21.9	62.5	33.6	45.7	54.3
45	Cagayan	61.1	69.9	63.3	71.8	2.1	9.4	34.6	18.8	58.7	41.3
46	Misamis Occidental	65.5	74.4	43.7	59.6	5.0	11.2	51.3	29.2	58.1	41.9
47	Aklan	50.6	64.9	20.9	45.5	19.6	19.8	59.5	34.7	65.2	34.8
48	Catanduanes	51.0	59.4	31.3	65.1	5.1	12.1	63.6	22.8	45.2	54.8
49	Sorsogon	45.1	54.4	22.0	64.3	16.1	9.5	61.9	26.2	41.5	58.5
50	Camarines Norte	48.4	56.1	24.0	48.5	9.9	16.2	66.1	35.3	46.1	53.9
51	Leyte	57.4	67.6	29.6	55.5	9.6	14.1	60.8	30.4	56.8	43.2
52	Oriental Mindoro	58.2	64.0	38.5	66.1	6.7	13.5	54.9	20.5	43.6	56.4
53	Surigao del Norte	54.2	66.0	37.4	61.0	6.6	13.4	56.0	25.6	55.4	44.6
54	Southern Leyte	46.1	56.0	14.9	63.8	9.2	12.1	75.9	24.1	32.1	67.9
55	Occidental Mindoro	57.6	64.5	41.2	70.5	4.3	9.4	54.5	20.1	48.9	51.1
56	Palawan	51.1	61.2	28.7	61.3	7.0	13.6	64.4	25.1	40.3	59.7
57	Guimaras	49.8	59.4	39.8	67.9	5.5	12.8	54.7	19.3	37.5	62.5
58	Davao Oriental	65.8	71.6	35.2	70.4	6.0	6.8	58.9	22.8	50.0	50.0
59	Sultan Kudarat	38.5	46.7	37.7	71.4	3.5	8.0	58.7	20.6	35.6	64.4
60	Siquijor	56.7	69.7	53.4	67.5	4.6	11.7	42.1	20.8	57.0	43.0
61	Agusan del Sur	55.3	63.1	49.2	74.2	4.3	5.9	46.5	19.9	56.3	43.7
62	Negros Oriental	52.9	63.4	45.7	60.7	6.3	11.9	47.9	27.4	51.4	48.6
63	Marinduque	64.0	76.5	35.8	56.1	5.6	15.4	58.6	28.5	54.3	45.7
64	Biliran	70.2	78.5	38.4	67.6	6.8	8.4	54.8	24.0	59.8	40.2
65	Surigao del Sur	54.1	63.6	39.1	64.4	5.2	10.5	55.7	25.1	50.3	49.8
66	Northern Samar	49.2	56.0	39.6	65.4	5.4	9.7	54.9	24.8	46.5	53.5
67	Romblon	55.2	69.0	31.4	55.3	13.8	20.2	54.9	24.5	56.9	43.1
68	Lanao del Sur	27.0	33.6	19.1	59.5	6.7	4.5	74.2	36.0	46.3	53.7
69	Eastern Samar	64.9	71.7	53.9	73.5	4.8	6.7	41.3	19.7	51.1	48.9
70	Western Samar	61.1	67.9	45.0	66.3	6.0	6.7	48.9	27.0	51.6	48.4
71	Sarangani	60.3	66.6	47.4	75.0	4.9	8.2	47.7	16.8	57.8	42.2
72	Zamboanga del Norte	53.0	63.0	36.8	61.9	4.0	12.9	59.2	25.2	58.5	41.5
73	Masbate	54.9	62.7	42.7	70.0	6.9	10.0	50.4	20.0	52.7	47.3
74	Basilan	29.0	35.6	44.3	71.4	6.9	5.2	48.8	23.3	20.8	79.2
75	Tawi-Tawi	44.4	52.2	67.0	81.4	4.3	2.8	28.7	15.7	58.3	41.7
76	Maguindanao	43.8	50.6	53.9	69.7	3.7	4.6	42.4	25.6	50.5	49.5
77	Sulu	19.1	24.3	52.7	81.3	2.0	2.2	45.3	16.5	27.7	72.3
	Philippines	52.0	63.1	24.9	45.8	12.0	17.7	63.1	36.6	51.8	48.2

Source: 2001 to 2003 LFS