

Human Development Index and its trends at the national, provincial, and urban/rural levels, 2001–2002, 2006–2007, 2012–2013, 2015–2016, and 2018–2019 Human Development Index and its trends at the national, provincial, and urban/rural levels, 2006–2007 and 2018–2019

Regions	Education Index										Health Index					Income Index					Human Development Index					Human Development Status 2018-19					
	Adult Literacy Index					Net Enrolment Index					Education Index					Life expectancy at birth ^b					Per capita income										
	2001-02	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2001-02	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2001-02	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2001-02	2006-07	2012-13	2015-16	2018-19	2001-02	2006-07	2012-13	2015-16	2018-19		2001-02	2006-07	2012-13	2015-16	2018-19
Pakistan	0.422	0.507	0.561	0.557	0.574	0.285	0.347	0.395	0.367	0.370	0.377	0.453	0.505	0.494	0.506	0.589	0.605	0.629	0.636	0.648	0.484	0.539	0.543	0.552	0.564	0.475	0.529	0.557	0.558	0.570	Medium human development
Urban		0.695	0.738	0.726	0.727		0.440	0.464	0.441	0.437		0.610	0.647	0.631	0.630		0.638	0.673	0.681	0.691		0.571	0.591	0.593	0.606		0.606	0.636	0.634	0.641	Medium human development
Rural		0.400	0.460	0.456	0.477		0.306	0.366	0.333	0.337		0.369	0.428	0.415	0.430		0.590	0.611	0.624	0.637		0.519	0.511	0.524	0.534		0.483	0.511	0.514	0.527	Low human development
Punjab	0.437	0.524	0.575	0.594	0.620	0.305	0.374	0.439	0.409	0.429	0.393	0.474	0.530	0.533	0.556	0.533	0.576	0.604	0.585	0.598	0.479	0.537	0.540	0.550	0.563	0.465	0.527	0.557	0.556	0.572	Medium human development
Urban		0.710	0.740	0.755	0.757		0.473	0.503	0.483	0.483		0.631	0.661	0.664	0.665		0.611	0.653	0.630	0.638		0.561	0.588	0.589	0.591		0.600	0.633	0.627	0.631	Medium human development
Rural		0.428	0.490	0.509	0.532		0.333	0.414	0.378	0.400		0.396	0.465	0.465	0.488		0.561	0.585	0.574	0.588		0.524	0.511	0.526	0.546		0.488	0.518	0.520	0.539	Low human development
Sindh	0.448	0.538	0.592	0.546	0.565	0.272	0.341	0.345	0.320	0.322	0.389	0.472	0.510	0.471	0.484	0.563	0.547	0.644	0.649	0.660	0.511	0.573	0.574	0.584	0.593	0.482	0.529	0.573	0.563	0.574	Medium human development
Urban		0.707	0.770	0.720	0.722		0.424	0.431	0.403	0.396		0.613	0.657	0.615	0.613		0.580	0.684	0.688	0.698		0.606	0.619	0.627	0.626		0.599	0.653	0.643	0.645	Medium human development
Rural		0.348	0.387	0.341	0.369		0.271	0.285	0.253	0.255		0.322	0.353	0.312	0.331		0.520	0.612	0.619	0.630		0.531	0.514	0.525	0.547		0.447	0.481	0.466	0.485	Low human development
Khyber Pakhtunkhwa	0.342	0.430	0.484	0.477	0.497	0.257	0.313	0.357	0.350	0.321	0.314	0.391	0.442	0.434	0.438	0.611	0.626	0.697	0.698	0.701	0.439	0.484	0.505	0.513	0.529	0.438	0.491	0.538	0.538	0.546	Low human development
Urban		0.572	0.626	0.600	0.623		0.375	0.404	0.407	0.390		0.507	0.552	0.536	0.545		0.653	0.734	0.744	0.753		0.540	0.558	0.556	0.559		0.563	0.609	0.605	0.612	Medium human development
Rural		0.401	0.453	0.447	0.470		0.302	0.349	0.339	0.310		0.368	0.418	0.411	0.416		0.622	0.690	0.689	0.692		0.471	0.491	0.502	0.523		0.476	0.521	0.522	0.532	Low human development
Balochistan	0.318	0.350	0.415	0.380	0.375	0.202	0.206	0.259	0.209	0.221	0.280	0.302	0.363	0.323	0.324	0.649	0.669	0.572	0.610	0.631	0.502	0.514	0.509	0.511	0.518	0.450	0.470	0.473	0.465	0.473	Low human development
Urban		0.551	0.591	0.579	0.538		0.302	0.342	0.315	0.308		0.468	0.508	0.491	0.461		0.721	0.600	0.637	0.658		0.542	0.534	0.559	0.541		0.568	0.546	0.559	0.548	Low human development
Rural		0.285	0.352	0.300	0.309		0.176	0.233	0.171	0.191		0.249	0.312	0.257	0.269		0.655	0.565	0.604	0.625		0.504	0.500	0.488	0.507		0.435	0.445	0.423	0.440	Low human development
Azad Jammu and Kashmir		0.668	0.695	0.727	0.768		0.397	0.422	0.461	0.422		0.578	0.604	0.639	0.653		0.602	0.658	0.670	0.677		0.547	0.551	0.561	0.572		0.575	0.603	0.621	0.632	Medium human development
Gilgit-Baltistan		0.450	0.507	0.475	NA		0.285	0.291	0.301	NA		0.395	0.435	0.417	NA		0.571	0.675	0.680	NA		0.527	0.531	0.540	NA		0.491	0.538	0.535	NA	Low human development

NOTES

a The overall values for 2005-2006, and the values for Azad Jammu and Kashmir, are computed from the Pakistan Social and Living Standards Measurement (PSLM) Survey for 2006-2007.

b Provincial data on life expectancy at birth are not available; the study estimates this from under-five mortality rates.

DEFINITIONS

Human Development Index (HDI)

A composite index that measures average achievement in three basic dimensions of human development: a long and healthy life, education and learning, and a decent standard of living.

Adult literacy rate

The percentage of the population of and above the age of 15 who can read and write in any language, with understanding.

Net enrolment rate

Number of children aged 5-14 who attend Classes 1-10, divided by the total number of children aged

5-14 years, multiplied by 100. Enrolment in katchi (pre-primary education) is excluded.

Life expectancy at birth

Number of years a newborn infant can expect to live if prevailing patterns of age-specific mortality rates at the time of their birth remain the same throughout their life.

Per capita income

Aggregate income of an economy estimated by gross domestic products (GDP), converted to International Dollars using PPP rates, divided by the population.

MAIN DATA SOURCES

Columns 1-6: UNDP calculations are based on micro data from the Household Integrated and Economic Surveys (HIES) of 2005–2006 and 2018–2019. For Azad Jammu and Kashmir, the values for 2018–2019 are based on the Labour Force Survey 2017–2018.

Columns 7-8: The national values are based on data from the Human Development Report. UNDP's own calculations for provincial values based on the under-five mortality rate from the Pakistan Demographic and Health Surveys (PDHS).

Columns 9-10: Estimates are based on Pasha (2019). See technical note 3 for details.

Columns 11-12: Calculations are based on columns 1 to 10.

Human Development Index indicator values at the national, provincial, and urban/rural levels, 2001–2002, 2006–2007, 2012–2013, 2015–2016, and 2018–2019

Regions	Education					Health					Income									
	Adult literacy rate		Net enrolment rate			Life expectancy at birth ^b					Per capita income									
	2001-02	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2001-02	2006-07 ^a	2012-13 ^b	2015-16 ^d	2018-19	2001-02	2006-07	2012-13	2015-16	2018-19	2001-02	2006-07	2012-13	2015-16	2018-19
Pakistan	42.2	50.7	56.1	55.7	57.4	28.5	34.7	39.5	36.7	37.0	63.3	64	66	66	67	2,829	4,135	4,251	4,534	4,922
Urban		69.5	73.8	72.6	72.7		44.0	46.4	44.1	43.7		66	69	69	70		5,152	5,936	6,021	6,556
Rural		40.0	46.0	45.6	47.7		30.6	36.6	33.3	33.7		63	65	66	66		3,610	3,404	3,731	3,988
Punjab	43.7	52.4	57.5	59.4	62.0	30.5	37.4	43.9	40.9	42.9	59.7	62	64	63	64	2,737	4,072	4,167	4,467	4,890
Urban		71.0	74.0	75.5	75.7		47.3	50.3	48.3	48.3		65	67	66	66		4,816	5,798	5,865	5,909
Rural		42.8	49.0	50.9	53.2		33.3	41.4	37.8	40.0		61	63	62	63		3,723	3,405	3,788	4,336
Sindh	44.8	53.8	59.2	54.6	56.5	27.2	34.1	34.5	32.0	32.2	61.6	61	67	67	68	3,407	5,223	5,289	5,652	6,017
Urban		70.7	77.0	72.0	72.2		42.4	43.1	40.3	39.6		63	69	70	70		6,556	7,204	7,609	7,547
Rural		34.8	38.7	34.1	36.9		27.1	28.5	25.3	25.5		59	65	65	66		3,926	3,476	3,752	4,381
Khyber Pakhtunkhwa	34.2	43.0	48.4	47.7	49.7	25.7	31.3	35.7	35.0	32.1	64.7	66	70	70	71	2,077	2,839	3,265	3,466	3,876
Urban		57.2	62.6	60.0	62.3		37.5	40.4	40.7	39.0		67	73	73	74		4,170	4,721	4,663	4,756
Rural		40.1	45.3	44.7	47.0		30.2	34.9	33.9	31.0		65	70	70	70		2,590	2,967	3,204	3,701
Balochistan	31.8	35.0	41.5	38.0	37.5	20.2	20.6	25.9	20.9	22.1	67.2	69	62	65	66	3,217	3,486	3,374	3,423	3,576
Urban		55.1	59.1	57.9	53.8		30.2	34.2	31.5	30.8		72	64	66	68		4,223	4,009	4,757	4,199
Rural		28.5	35.2	30.0	30.9		17.6	23.3	17.1	19.1		68	62	64	66		3,254	3,165	2,919	3,325
Azad Jammu and Kashmir		66.8	69.5	72.7	76.8		39.7	42.2	46.1	42.2		64	68	69	69		4,383	4,506	4,806	5,190
Gilgit-Baltistan		45.0	50.7	47.5	NA		28.5	29.1	30.1	NA		62	69	69	NA		3,804	3,911	4,171	NA

NOTES

^a The values are used for 2005–2006. The values for Azad Jammu and Kashmir are computed from the Pakistan Social and Living Standard Measurement (PSLM) Survey for 2006–2007.

^b Provincial data on life expectancy at birth are not available; the NHDR 2020 estimates this from under-five mortality rates.

DEFINITIONS

Adult literacy rate
The percentage of the population of and above the age of 15 who can read and write in any language, with understanding.

Net enrolment rate
Number of children aged 5-14 who attend Classes 1-10, divided by the total number of children aged 5-14 years, multiplied by 100. Enrolment in katchi (pre-primary education) is excluded.

Life expectancy at birth

Number of years a newborn infant can expect to live if prevailing patterns of age-specific mortality rates at the time of their birth remain the same throughout their life.

Per capita income

Aggregate income of an economy estimated by gross domestic products (GDP), converted to International Dollars using PPP rates, divided by the population.

MAIN DATA SOURCES

Columns 1-4: UNDP calculations are based on micro data of the Household Integrated and Expenditure Surveys (HIES) of 2005–2006 and 2018–2019. The values for Azad Jammu and Kashmir for 2018–2019 are based on the Labour Force Survey of 2017–2018.

Columns 5-6: The national values are based on data from the Human Development Report (HDR). UNDP's calculations for provincial values are based on data on the under-five child mortality rate from the Pakistan Demographic and Health Surveys (PDHS).

Columns 7-8: Estimations are based on Pasha (2019). See technical note 3 of the NHDR 2020 for more details.

Human Development Index and its trends at the national, provincial, and urban/rural levels by income quintiles, 2006–2007, 2012–2013, 2015–2016, and 2018–2019

Regions/Quintiles	Education Index								Health Index				Income Index ^c				Human Development Index ^d				Human Development Status 2018-19				
	Adult Literacy Index				Net Enrolment Index				Education Index				Life expectancy at birth ^b				Per capita income								
	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19		2006-07	2012-13	2015-16	2018-19
Pakistan	0.507	0.561	0.557	0.574	0.347	0.395	0.367	0.370	0.453	0.505	0.494	0.506	0.605	0.629	0.636	0.648	0.539	0.543	0.552	0.564	0.529	0.557	0.558	0.570	Medium human development
Quintile - 1	0.278	0.314	0.283	0.301	0.225	0.306	0.269	0.273	0.260	0.311	0.279	0.291	0.521	0.548	0.554	0.564	0.415	0.413	0.431	0.449	0.383	0.413	0.405	0.419	Low human development
Quintile - 2	0.379	0.437	0.426	0.431	0.313	0.362	0.332	0.332	0.357	0.412	0.395	0.398	0.565	0.577	0.590	0.612	0.462	0.461	0.474	0.497	0.453	0.478	0.480	0.495	Low human development
Quintile - 3	0.461	0.531	0.522	0.554	0.367	0.410	0.387	0.386	0.430	0.491	0.477	0.498	0.604	0.622	0.629	0.641	0.500	0.498	0.511	0.526	0.506	0.534	0.535	0.552	Medium human development
Quintile - 4	0.590	0.645	0.636	0.667	0.435	0.458	0.432	0.451	0.538	0.583	0.568	0.595	0.642	0.665	0.676	0.696	0.539	0.547	0.555	0.568	0.571	0.596	0.597	0.617	Medium human development
Quintile - 5	0.730	0.766	0.790	0.794	0.475	0.529	0.513	0.507	0.645	0.687	0.697	0.698	0.691	0.734	0.729	0.725	0.654	0.661	0.667	0.673	0.663	0.693	0.697	0.698	Medium human development
Pakistan-Urban	0.695	0.738	0.726	0.727	0.440	0.464	0.441	0.437	0.610	0.647	0.631	0.630	0.638	0.673	0.681	0.691	0.571	0.591	0.593	0.606	0.606	0.636	0.634	0.641	Medium human development
Quintile - 1	0.485	0.523	0.491	0.486	0.333	0.367	0.342	0.341	0.434	0.471	0.441	0.437	0.589	0.616	0.632	0.646	0.420	0.433	0.449	0.476	0.475	0.501	0.500	0.512	Low human development
Quintile - 2	0.571	0.657	0.627	0.636	0.403	0.451	0.417	0.402	0.515	0.588	0.557	0.558	0.600	0.647	0.661	0.675	0.477	0.487	0.498	0.519	0.528	0.570	0.568	0.580	Medium human development
Quintile - 3	0.692	0.733	0.722	0.723	0.465	0.495	0.468	0.464	0.616	0.654	0.637	0.637	0.649	0.658	0.674	0.687	0.512	0.544	0.545	0.560	0.589	0.616	0.616	0.626	Medium human development
Quintile - 4	0.770	0.808	0.801	0.800	0.524	0.506	0.508	0.497	0.688	0.708	0.703	0.699	0.663	0.701	0.699	0.702	0.625	0.650	0.649	0.602	0.658	0.686	0.683	0.666	Medium human development
Quintile - 5	0.874	0.897	0.898	0.901	0.572	0.592	0.566	0.579	0.773	0.795	0.787	0.794	0.690	0.741	0.740	0.743	0.671	0.688	0.688	0.728	0.710	0.740	0.737	0.755	High human development
Pakistan-Rural	0.400	0.460	0.456	0.477	0.306	0.366	0.333	0.337	0.369	0.428	0.415	0.430	0.590	0.611	0.624	0.637	0.519	0.511	0.524	0.534	0.483	0.511	0.514	0.527	Low human development
Quintile - 1	0.243	0.277	0.259	0.264	0.206	0.293	0.259	0.253	0.231	0.283	0.259	0.260	0.539	0.574	0.585	0.597	0.402	0.397	0.416	0.410	0.368	0.401	0.398	0.399	Low human development
Quintile - 2	0.307	0.363	0.322	0.360	0.270	0.340	0.295	0.315	0.295	0.355	0.313	0.345	0.575	0.585	0.608	0.611	0.455	0.449	0.463	0.466	0.426	0.454	0.445	0.461	Low human development
Quintile - 3	0.369	0.423	0.444	0.441	0.330	0.368	0.346	0.340	0.356	0.405	0.411	0.407	0.605	0.604	0.621	0.640	0.489	0.483	0.495	0.508	0.472	0.491	0.502	0.510	Low human development
Quintile - 4	0.439	0.519	0.498	0.554	0.373	0.418	0.386	0.392	0.417	0.485	0.461	0.500	0.593	0.623	0.636	0.653	0.529	0.522	0.534	0.546	0.508	0.540	0.539	0.563	Medium human development
Quintile - 5	0.580	0.630	0.658	0.666	0.404	0.479	0.452	0.464	0.521	0.580	0.590	0.599	0.636	0.667	0.672	0.684	0.622	0.610	0.623	0.635	0.591	0.618	0.627	0.638	Medium human development
Punjab	0.524	0.575	0.594	0.620	0.374	0.439	0.409	0.429	0.474	0.530	0.533	0.556	0.576	0.604	0.585	0.598	0.537	0.540	0.550	0.563	0.527	0.557	0.556	0.572	Medium human development
Quintile - 1	0.306	0.324	0.331	0.347	0.247	0.349	0.321	0.337	0.286	0.332	0.328	0.344	0.493	0.514	0.498	0.511	0.409	0.408	0.430	0.435	0.387	0.412	0.412	0.424	Low human development
Quintile - 2	0.407	0.463	0.495	0.500	0.342	0.401	0.386	0.400	0.385	0.442	0.458	0.467	0.541	0.552	0.541	0.564	0.460	0.455	0.473	0.487	0.458	0.481	0.489	0.504	Low human development
Quintile - 3	0.490	0.549	0.578	0.618	0.413	0.463	0.436	0.439	0.464	0.521	0.531	0.558	0.570	0.605	0.583	0.593	0.500	0.498	0.511	0.529	0.509	0.539	0.541	0.559	Medium human development

Human Development Index and its trends at the national, provincial, and urban/rural levels by income quintiles, 2006–2007, 2012–2013, 2015–2016, and 2018–2019

Regions/Quintiles	Education Index								Health Index				Income Index ^c				Human Development Index ^d				Human Development Status 2018-19				
	Adult Literacy Index				Net Enrolment Index				Education Index				Life expectancy at birth ^b				Per capita income								
	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19		2006-07	2012-13	2015-16	2018-19
Quintile - 4	0.601	0.667	0.661	0.707	0.451	0.513	0.464	0.506	0.551	0.615	0.596	0.640	0.623	0.642	0.627	0.647	0.546	0.557	0.563	0.568	0.572	0.604	0.595	0.617	Medium human development
Quintile - 5	0.732	0.767	0.791	0.811	0.497	0.563	0.526	0.558	0.654	0.699	0.702	0.727	0.654	0.709	0.677	0.675	0.648	0.652	0.659	0.675	0.652	0.686	0.679	0.692	Medium human development
Punjab-Urban	0.710	0.740	0.755	0.757	0.473	0.503	0.483	0.483	0.631	0.661	0.664	0.665	0.611	0.653	0.630	0.638	0.561	0.588	0.589	0.591	0.600	0.633	0.627	0.631	Medium human development
Quintile - 1	0.509	0.532	0.565	0.557	0.351	0.392	0.401	0.406	0.456	0.486	0.510	0.507	0.573	0.599	0.577	0.586	0.409	0.422	0.452	0.452	0.475	0.497	0.511	0.512	Low human development
Quintile - 2	0.612	0.659	0.673	0.679	0.441	0.517	0.471	0.434	0.555	0.612	0.605	0.597	0.564	0.627	0.620	0.637	0.480	0.495	0.502	0.501	0.532	0.575	0.573	0.576	Medium human development
Quintile - 3	0.704	0.741	0.745	0.747	0.512	0.506	0.505	0.509	0.640	0.663	0.665	0.668	0.635	0.627	0.596	0.598	0.477	0.551	0.528	0.545	0.579	0.612	0.594	0.601	Medium human development
Quintile - 4	0.781	0.814	0.820	0.821	0.552	0.563	0.541	0.540	0.705	0.730	0.727	0.728	0.611	0.685	0.662	0.672	0.622	0.646	0.650	0.592	0.644	0.686	0.679	0.661	Medium human development
Quintile - 5	0.877	0.889	0.904	0.907	0.598	0.633	0.567	0.606	0.784	0.804	0.791	0.807	0.670	0.725	0.693	0.698	0.661	0.679	0.682	0.713	0.703	0.734	0.721	0.738	High human development
Punjab-Rural	0.428	0.490	0.509	0.532	0.333	0.414	0.378	0.400	0.396	0.465	0.465	0.488	0.561	0.585	0.574	0.588	0.524	0.511	0.526	0.546	0.488	0.518	0.520	0.539	Low human development
Quintile - 1	0.271	0.282	0.293	0.304	0.229	0.331	0.310	0.322	0.257	0.299	0.299	0.310	0.502	0.545	0.524	0.532	0.391	0.390	0.415	0.423	0.370	0.399	0.402	0.412	Low human development
Quintile - 2	0.334	0.387	0.406	0.422	0.297	0.388	0.340	0.375	0.322	0.388	0.384	0.406	0.550	0.550	0.554	0.586	0.452	0.444	0.462	0.475	0.431	0.456	0.461	0.484	Low human development
Quintile - 3	0.399	0.464	0.498	0.514	0.374	0.417	0.415	0.408	0.391	0.449	0.471	0.478	0.564	0.561	0.561	0.572	0.491	0.480	0.496	0.517	0.477	0.494	0.508	0.521	Low human development
Quintile - 4	0.464	0.573	0.560	0.617	0.407	0.489	0.412	0.473	0.445	0.545	0.511	0.569	0.580	0.631	0.602	0.607	0.534	0.522	0.536	0.557	0.516	0.564	0.548	0.577	Medium human development
Quintile - 5	0.602	0.653	0.684	0.702	0.416	0.528	0.478	0.509	0.540	0.612	0.615	0.638	0.606	0.641	0.629	0.643	0.632	0.614	0.628	0.650	0.591	0.622	0.624	0.644	Medium human development
Sindh	0.538	0.592	0.546	0.565	0.341	0.345	0.320	0.322	0.472	0.510	0.471	0.484	0.547	0.644	0.649	0.660	0.573	0.574	0.584	0.593	0.529	0.573	0.563	0.574	Medium human development
Quintile - 1	0.283	0.299	0.237	0.254	0.227	0.247	0.209	0.206	0.265	0.282	0.227	0.238	0.455	0.593	0.599	0.611	0.438	0.435	0.439	0.460	0.375	0.417	0.391	0.406	Low human development
Quintile - 2	0.362	0.416	0.347	0.375	0.283	0.306	0.274	0.292	0.336	0.380	0.322	0.347	0.500	0.563	0.566	0.573	0.497	0.485	0.496	0.522	0.437	0.470	0.449	0.470	Low human development
Quintile - 3	0.453	0.554	0.487	0.523	0.361	0.381	0.333	0.336	0.422	0.496	0.436	0.460	0.547	0.625	0.631	0.643	0.534	0.524	0.535	0.563	0.498	0.546	0.528	0.550	Medium human development
Quintile - 4	0.646	0.701	0.631	0.662	0.425	0.422	0.404	0.413	0.572	0.608	0.555	0.579	0.583	0.684	0.697	0.718	0.579	0.570	0.588	0.600	0.578	0.619	0.611	0.629	Medium human development
Quintile - 5	0.807	0.840	0.850	0.848	0.513	0.478	0.518	0.487	0.709	0.719	0.739	0.728	0.648	0.753	0.753	0.756	0.687	0.702	0.708	0.702	0.681	0.724	0.733	0.729	High human development
Sindh-Urban	0.707	0.770	0.720	0.722	0.424	0.431	0.403	0.396	0.613	0.657	0.615	0.613	0.580	0.684	0.688	0.698	0.606	0.619	0.627	0.626	0.599	0.653	0.643	0.645	medium human development
Quintile - 1	0.487	0.551	0.449	0.456	0.331	0.355	0.293	0.309	0.435	0.486	0.397	0.407	0.504	0.620	0.633	0.648	0.457	0.479	0.482	0.514	0.465	0.525	0.495	0.514	low human development
Quintile - 2	0.568	0.699	0.603	0.636	0.394	0.436	0.377	0.361	0.510	0.611	0.528	0.545	0.551	0.648	0.657	0.670	0.514	0.525	0.531	0.548	0.525	0.592	0.569	0.585	medium human development

Human Development Index and its trends at the national, provincial, and urban/rural levels by income quintiles, 2006–2007, 2012–2013, 2015–2016, and 2018–2019

Regions/Quintiles	Education Index								Health Index				Income Index ^c				Human Development Index ^d				Human Development Status 2018-19				
	Adult Literacy Index				Net Enrolment Index				Education Index				Life expectancy at birth ^b				Per capita income								
	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19		2006-07	2012-13	2015-16	2018-19
Quintile - 3	0.692	0.763	0.717	0.707	0.430	0.451	0.416	0.428	0.605	0.659	0.617	0.614	0.585	0.704	0.697	0.700	0.549	0.556	0.577	0.587	0.579	0.637	0.628	0.632	Medium human development
Quintile - 4	0.791	0.833	0.821	0.793	0.505	0.455	0.485	0.458	0.696	0.707	0.709	0.682	0.628	0.706	0.709	0.719	0.660	0.673	0.683	0.619	0.661	0.695	0.700	0.672	Medium human development
Quintile - 5	0.900	0.921	0.918	0.919	0.559	0.544	0.584	0.525	0.786	0.795	0.806	0.788	0.633	0.741	0.745	0.755	0.704	0.720	0.723	0.743	0.705	0.752	0.757	0.761	High human development
Sindh-Rural	0.348	0.387	0.341	0.369	0.271	0.285	0.253	0.255	0.322	0.353	0.312	0.331	0.520	0.612	0.619	0.630	0.531	0.514	0.525	0.547	0.447	0.481	0.466	0.485	Low human development
Quintile - 1	0.210	0.262	0.192	0.226	0.182	0.214	0.181	0.178	0.201	0.246	0.188	0.210	0.485	0.602	0.611	0.624	0.441	0.416	0.436	0.425	0.350	0.395	0.369	0.382	Low human development
Quintile - 2	0.268	0.305	0.265	0.274	0.230	0.265	0.238	0.255	0.255	0.292	0.256	0.268	0.499	0.586	0.588	0.597	0.481	0.457	0.468	0.483	0.394	0.427	0.413	0.426	Low human development
Quintile - 3	0.330	0.340	0.278	0.317	0.280	0.286	0.258	0.251	0.314	0.322	0.271	0.295	0.527	0.608	0.594	0.592	0.502	0.473	0.490	0.533	0.436	0.452	0.429	0.453	Low human development
Quintile - 4	0.355	0.396	0.371	0.379	0.327	0.327	0.291	0.282	0.346	0.373	0.344	0.346	0.516	0.609	0.622	0.638	0.547	0.535	0.537	0.577	0.461	0.495	0.486	0.503	Low human development
Quintile - 5	0.516	0.565	0.511	0.561	0.398	0.381	0.364	0.383	0.477	0.504	0.462	0.501	0.574	0.657	0.679	0.698	0.618	0.607	0.618	0.632	0.553	0.585	0.579	0.605	Medium human development
Khyber Pakhtunkhwa	0.430	0.484	0.477	0.497	0.313	0.357	0.350	0.321	0.391	0.442	0.434	0.438	0.626	0.697	0.698	0.701	0.484	0.505	0.513	0.529	0.491	0.538	0.538	0.546	Low human development
Quintile - 1	0.252	0.322	0.269	0.328	0.238	0.306	0.272	0.271	0.248	0.317	0.270	0.309	0.591	0.699	0.696	0.693	0.366	0.392	0.412	0.423	0.377	0.443	0.426	0.449	Low human development
Quintile - 2	0.324	0.399	0.361	0.412	0.289	0.342	0.315	0.304	0.312	0.380	0.346	0.376	0.620	0.660	0.627	0.622	0.410	0.439	0.451	0.485	0.430	0.479	0.461	0.484	Low human development
Quintile - 3	0.408	0.443	0.444	0.463	0.303	0.367	0.370	0.328	0.373	0.418	0.419	0.418	0.562	0.625	0.666	0.688	0.433	0.474	0.484	0.501	0.450	0.498	0.513	0.524	Low human development
Quintile - 4	0.480	0.523	0.527	0.558	0.363	0.347	0.395	0.350	0.441	0.465	0.483	0.489	0.695	0.761	0.728	0.724	0.489	0.509	0.522	0.540	0.531	0.565	0.568	0.576	Medium human development
Quintile - 5	0.620	0.658	0.690	0.657	0.415	0.471	0.456	0.388	0.552	0.596	0.612	0.567	0.663	0.739	0.772	0.780	0.600	0.609	0.612	0.622	0.603	0.645	0.661	0.650	Medium human development
Khyber Pakhtunkhwa-Urban	0.572	0.626	0.600	0.623	0.375	0.404	0.407	0.390	0.507	0.552	0.536	0.545	0.653	0.734	0.744	0.753	0.540	0.558	0.556	0.559	0.563	0.609	0.605	0.612	Medium human development
Quintile - 1	0.371	0.446	0.411	0.400	0.298	0.298	0.366	0.382	0.347	0.397	0.396	0.394	0.625	0.669	0.679	0.690	0.366	0.416	0.428	0.447	0.430	0.480	0.487	0.495	Low human development
Quintile - 2	0.452	0.468	0.508	0.527	0.359	0.369	0.400	0.379	0.421	0.435	0.472	0.477	0.662	0.738	0.732	0.733	0.430	0.466	0.475	0.481	0.493	0.531	0.548	0.552	Medium human development
Quintile - 3	0.544	0.587	0.566	0.622	0.338	0.434	0.396	0.369	0.475	0.536	0.510	0.538	0.633	0.723	0.754	0.783	0.485	0.504	0.519	0.530	0.527	0.580	0.584	0.606	Medium human development
Quintile - 4	0.662	0.693	0.658	0.690	0.458	0.502	0.423	0.399	0.594	0.629	0.580	0.593	0.653	0.745	0.760	0.761	0.593	0.582	0.596	0.571	0.613	0.649	0.640	0.636	Medium human development
Quintile - 5	0.748	0.845	0.785	0.790	0.500	0.490	0.484	0.441	0.665	0.727	0.685	0.674	0.693	0.794	0.794	0.799	0.648	0.673	0.651	0.664	0.669	0.730	0.707	0.710	High human development

Human Development Index and its trends at the national, provincial, and urban/rural levels by income quintiles, 2006–2007, 2012–2013, 2015–2016, and 2018–2019

2 TABLE	Regions/Quintiles	Education Index												Health Index				Income Index ^c				Human Development Index ^d				Human Development Status 2018-19
		Adult Literacy Index				Net Enrolment Index				Education Index				Life expectancy at birth ^b				Per capita income								
		2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	
	Khyber Pakhtunkhwa-Rural	0.401	0.453	0.447	0.470	0.302	0.349	0.339	0.310	0.368	0.418	0.411	0.416	0.622	0.690	0.689	0.692	0.471	0.491	0.502	0.523	0.476	0.521	0.522	0.532	Low human development
	Quintile - 1	0.245	0.310	0.264	0.320	0.232	0.295	0.264	0.261	0.241	0.305	0.264	0.300	0.599	0.664	0.666	0.670	0.369	0.392	0.415	0.420	0.376	0.430	0.418	0.438	Low human development
	Quintile - 2	0.298	0.378	0.336	0.401	0.281	0.359	0.303	0.293	0.292	0.372	0.325	0.365	0.597	0.677	0.667	0.664	0.409	0.437	0.445	0.479	0.415	0.479	0.459	0.488	Low human development
	Quintile - 3	0.389	0.426	0.403	0.437	0.295	0.354	0.354	0.309	0.358	0.402	0.387	0.395	0.614	0.691	0.687	0.688	0.429	0.469	0.462	0.501	0.455	0.507	0.497	0.514	Low human development
	Quintile - 4	0.449	0.493	0.489	0.532	0.355	0.339	0.390	0.342	0.417	0.442	0.456	0.469	0.640	0.688	0.699	0.709	0.474	0.503	0.513	0.534	0.502	0.535	0.547	0.562	Medium human development
	Quintile - 5	0.572	0.594	0.655	0.604	0.383	0.436	0.440	0.374	0.509	0.541	0.583	0.528	0.658	0.732	0.728	0.730	0.578	0.580	0.598	0.610	0.579	0.612	0.633	0.617	Medium human development
	Balochistan	0.350	0.415	0.380	0.375	0.206	0.259	0.209	0.221	0.302	0.363	0.323	0.324	0.669	0.572	0.610	0.631	0.514	0.509	0.511	0.518	0.470	0.473	0.465	0.473	Low human development
	Quintile - 1	0.190	0.260	0.209	0.201	0.092	0.216	0.138	0.144	0.157	0.245	0.185	0.182	0.643	0.478	0.518	0.546	0.420	0.394	0.420	0.416	0.349	0.359	0.343	0.346	Low human development
	Quintile - 2	0.231	0.307	0.261	0.241	0.155	0.193	0.193	0.176	0.206	0.269	0.239	0.219	0.581	0.553	0.581	0.587	0.456	0.461	0.465	0.458	0.379	0.409	0.401	0.389	Low human development
	Quintile - 3	0.307	0.401	0.330	0.321	0.234	0.292	0.213	0.211	0.283	0.365	0.291	0.284	0.667	0.554	0.612	0.662	0.498	0.490	0.491	0.506	0.455	0.462	0.444	0.457	Low human development
	Quintile - 4	0.422	0.452	0.397	0.415	0.265	0.279	0.223	0.267	0.370	0.394	0.339	0.366	0.751	0.646	0.646	0.645	0.525	0.515	0.510	0.534	0.526	0.508	0.481	0.501	Low human development
	Quintile - 5	0.552	0.586	0.624	0.597	0.332	0.340	0.308	0.382	0.478	0.504	0.519	0.525	0.705	0.629	0.695	0.716	0.602	0.604	0.603	0.604	0.588	0.576	0.601	0.610	Medium human development
	Balochistan-Urban	0.551	0.591	0.579	0.538	0.302	0.342	0.315	0.308	0.468	0.508	0.491	0.461	0.721	0.600	0.637	0.658	0.542	0.534	0.559	0.541	0.568	0.546	0.559	0.548	Low human development
	Quintile - 1	0.417	0.382	0.372	0.367	0.205	0.247	0.215	0.190	0.346	0.337	0.319	0.308	0.694	0.526	0.569	0.594	0.416	0.424	0.450	0.437	0.464	0.422	0.434	0.431	Low human development
	Quintile - 2	0.513	0.480	0.457	0.401	0.298	0.314	0.299	0.245	0.441	0.424	0.404	0.349	0.700	0.630	0.645	0.653	0.480	0.468	0.499	0.471	0.529	0.500	0.507	0.475	Low human development
	Quintile - 3	0.540	0.525	0.527	0.521	0.290	0.292	0.296	0.299	0.457	0.448	0.450	0.447	0.721	0.590	0.638	0.663	0.512	0.501	0.511	0.515	0.553	0.510	0.528	0.535	Low human development
	Quintile - 4	0.593	0.675	0.631	0.560	0.357	0.415	0.385	0.399	0.514	0.588	0.549	0.506	0.734	0.632	0.669	0.689	0.554	0.561	0.565	0.547	0.594	0.593	0.592	0.575	Medium human development
	Quintile - 5	0.659	0.800	0.800	0.757	0.399	0.525	0.470	0.526	0.572	0.708	0.690	0.680	0.757	0.624	0.666	0.689	0.644	0.628	0.667	0.643	0.653	0.652	0.674	0.670	Medium human development
	Balochistan-Rural	0.285	0.352	0.300	0.309	0.176	0.233	0.171	0.191	0.249	0.312	0.257	0.269	0.655	0.565	0.604	0.625	0.504	0.500	0.488	0.507	0.435	0.445	0.423	0.440	Low human development
	Quintile - 1	0.167	0.227	0.176	0.175	0.083	0.197	0.128	0.142	0.139	0.217	0.160	0.164	0.668	0.494	0.560	0.596	0.420	0.395	0.418	0.402	0.339	0.348	0.335	0.340	Low human development
	Quintile - 2	0.161	0.272	0.253	0.185	0.113	0.212	0.163	0.162	0.145	0.252	0.223	0.177	0.594	0.580	0.582	0.581	0.433	0.453	0.456	0.452	0.334	0.405	0.389	0.360	Low human development
	Quintile - 3	0.216	0.375	0.230	0.264	0.186	0.227	0.195	0.181	0.206	0.325	0.219	0.237	0.639	0.520	0.579	0.611	0.492	0.490	0.464	0.503	0.402	0.436	0.389	0.417	Low human development

Human Development Index and its trends at the national, provincial, and urban/rural levels by income quintiles, 2006–2007, 2012–2013, 2015–2016, and 2018–2019

Regions/Quintiles	Education Index								Health Index				Income Index ^c				Human Development Index ^d				Human Development Status 2018-19				
	Adult Literacy Index				Net Enrolment Index				Education Index				Life expectancy at birth ^b				Per capita income								
	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19		2006-07	2012-13	2015-16	2018-19
Quintile - 4	0.369	0.376	0.326	0.340	0.263	0.300	0.177	0.222	0.334	0.351	0.276	0.300	0.692	0.604	0.648	0.672	0.519	0.503	0.499	0.532	0.493	0.474	0.447	0.475	Low human development
Quintile - 5	0.476	0.462	0.467	0.498	0.276	0.236	0.202	0.288	0.409	0.387	0.378	0.428	0.681	0.626	0.650	0.665	0.589	0.589	0.562	0.582	0.547	0.522	0.517	0.549	Low human development

NOTES

a The values are used for 2005–2006.

b Data on life expectancy at birth are not available at the provincial level or by income quintiles. The report estimates this from under-five mortality rates.

c The national/provincial values are not equal to the quantile average, because the index uses the log.

d The national/provincial values are slightly different from the quantile average because the final HDI uses the geometric mean.

DEFINITIONS**Human Development Index (HDI)**

A composite index that measures average achievement in three basic dimensions of human development: a long and healthy life, education and learning, and a decent standard of living.

Adult literacy rate

The percentage of the population of and above the age of 15 who can read and write in any language, with understanding.

Net enrolment rate

Number of children aged 5-14 who attend Classes 1-10, divided by the total number of children aged

5-14 years, multiplied by 100. Enrolment in katchi (pre-primary education) is excluded.

Life expectancy at birth

Number of years a newborn infant can expect to live if prevailing patterns of age-specific mortality rates at the time of their birth remain the same throughout their life.

Per capita income

Aggregate income of an economy estimated by gross domestic products (GDP), converted to International Dollars using PPP rates, divided by the population.

MAIN DATA SOURCES

Columns 1-6: UNDP calculations are based on micro data from the Household Integrated and Economic Surveys (HIES) of 2005–2006 and 2018–2019.

Columns 7-8: The national values are based on data from the Human Development Report. UNDP's own calculations for provincial values based on the under-five mortality rate from the Pakistan Demographic and Health Surveys (PDHS).

Columns 9-10: UNDP's calculations are based on HIES data for 2005–2006 and 2018–2019.

Regions/Quintiles	Education								Health				Income			
	Adult literacy rate				Net enrolment rate				Life expectancy at birth ^b				Per capita income			
	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19
Pakistan	50.7	56.1	55.7	57.4	34.7	39.5	36.7	37.0	64.3	65.9	66.3	67.1	4,135	4,251	4,534	4,922
Quintile - 1	27.8	31.4	28.3	30.1	22.5	30.6	26.9	27.3	58.8	60.6	61.0	61.7	1,761	1,731	1,964	2,218
Quintile - 2	37.9	43.7	42.6	43.1	31.3	36.2	33.2	33.2	61.7	62.5	63.4	64.8	2,435	2,412	2,650	3,100
Quintile - 3	46.1	53.1	52.2	55.4	36.7	41.0	38.7	38.6	64.3	65.5	65.9	66.6	3,156	3,125	3,419	3,794
Quintile - 4	59.0	64.5	63.6	66.7	43.5	45.8	43.2	45.1	66.7	68.2	69.0	70.2	4,143	4,369	4,622	5,066
Quintile - 5	73.0	76.6	79.0	79.4	47.5	52.9	51.3	50.7	69.9	72.7	72.4	72.1	9,178	9,619	10,014	10,433
Pakistan-Urban	69.5	73.8	72.6	72.7	44.0	46.4	44.1	43.7	66.5	68.7	69.3	69.9	5,152	5,936	6,021	6,556
Quintile - 1	48.5	52.3	49.1	48.6	33.3	36.7	34.2	34.1	63.3	65.0	66.1	67.0	1,822	1,995	2,229	2,677
Quintile - 2	57.1	65.7	62.7	63.6	40.3	45.1	41.7	40.2	64.0	67.1	68.0	68.8	2,696	2,894	3,127	3,608
Quintile - 3	69.2	73.3	72.2	72.3	46.5	49.5	46.8	46.4	67.2	67.8	68.8	69.7	3,427	4,295	4,321	4,802
Quintile - 4	77.0	80.8	80.1	80.0	52.4	50.6	50.8	49.7	68.1	70.6	70.4	70.7	7,485	8,912	8,861	6,400
Quintile - 5	87.4	89.7	89.8	90.1	57.2	59.2	56.6	57.9	69.8	73.2	73.1	73.3	10,331	11,582	11,568	15,292
Pakistan-Rural	40.0	46.0	45.6	47.7	30.6	36.6	33.3	33.7	63.3	64.7	65.6	66.4	3,610	3,404	3,731	3,988
Quintile - 1	24.3	27.7	25.9	26.4	20.6	29.3	25.9	25.3	60.0	62.3	63.0	63.8	1,608	1,555	1,766	1,693
Quintile - 2	30.7	36.3	32.2	36.0	27.0	34.0	29.5	31.5	62.4	63.0	64.5	64.7	2,311	2,218	2,444	2,494
Quintile - 3	36.9	42.3	44.4	44.1	33.0	36.8	34.6	34.0	64.3	64.3	65.4	66.6	2,932	2,811	3,065	3,352
Quintile - 4	43.9	51.9	49.8	55.4	37.3	41.8	38.6	39.2	63.5	65.5	66.3	67.4	3,874	3,682	4,008	4,353
Quintile - 5	58.0	63.0	65.8	66.6	40.4	47.9	45.2	46.4	66.3	68.3	68.7	69.5	7,324	6,756	7,374	8,047
Punjab	52.4	57.5	59.4	62.0	37.4	43.9	40.9	42.9	62.4	64.3	63.0	63.9	4,072	4,167	4,467	4,890
Quintile - 1	30.6	32.4	33.1	34.7	24.7	34.9	32.1	33.7	57.1	58.4	57.4	58.2	1,691	1,677	1,948	2,016
Quintile - 2	40.7	46.3	49.5	50.0	34.2	40.1	38.6	40.0	60.2	60.9	60.2	61.7	2,407	2,324	2,621	2,886
Quintile - 3	49.0	54.9	57.8	61.8	41.3	46.3	43.6	43.9	62.0	64.3	62.9	63.5	3,160	3,125	3,404	3,865
Quintile - 4	60.1	66.7	66.1	70.7	45.1	51.3	46.4	50.6	65.5	66.7	65.7	67.0	4,337	4,701	4,884	5,065

Human Development Index indicator values at the national, provincial, and urban/rural levels by income quintiles, 2006–2007, 2012–2013, 2015–2016, and 2018–2019

Regions/Quintiles	Education								Health				Income			
	Adult literacy rate				Net enrolment rate				Life expectancy at birth ^b				Per capita income			
	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19
Quintile - 5	73.2	76.7	79.1	81.1	49.7	56.3	52.6	55.8	67.5	71.1	69.0	68.9	8,762	9,009	9,479	10,617
Punjab-Urban	71.0	74.0	75.5	75.7	47.3	50.3	48.3	48.3	64.7	67.4	65.9	66.5	4,816	5,798	5,865	5,909
Quintile - 1	50.9	53.2	56.5	55.7	35.1	39.2	40.1	40.6	62.2	63.9	62.5	63.1	1,690	1,849	2,272	2,271
Quintile - 2	61.2	65.9	67.3	67.9	44.1	51.7	47.1	43.4	61.7	65.8	65.3	66.4	2,753	3,054	3,196	3,189
Quintile - 3	70.4	74.1	74.5	74.7	51.2	50.6	50.5	50.9	66.3	65.8	63.7	63.9	2,705	4,502	3,844	4,308
Quintile - 4	78.1	81.4	82.0	82.1	55.2	56.3	54.1	54.0	64.7	69.5	68.0	68.7	7,333	8,671	8,916	5,970
Quintile - 5	87.7	88.9	90.4	90.7	59.8	63.3	56.7	60.6	68.5	72.1	70.1	70.4	9,598	10,913	11,095	13,809
Punjab-Rural	42.8	49.0	50.9	53.2	33.3	41.4	37.8	40.0	61.4	63.1	62.3	63.2	3,723	3,405	3,788	4,336
Quintile - 1	27.1	28.2	29.3	30.4	22.9	33.1	31.0	32.2	57.7	60.4	59.1	59.6	1,491	1,484	1,753	1,857
Quintile - 2	33.4	38.7	40.6	42.2	29.7	38.8	34.0	37.5	60.8	60.7	61.0	63.1	2,264	2,146	2,425	2,668
Quintile - 3	39.9	46.4	49.8	51.4	37.4	41.7	41.5	40.8	61.7	61.4	61.5	62.2	2,977	2,763	3,066	3,550
Quintile - 4	46.4	57.3	56.0	61.7	40.7	48.9	41.2	47.3	62.7	66.0	64.2	64.5	3,997	3,690	4,047	4,686
Quintile - 5	60.2	65.3	68.4	70.2	41.6	52.8	47.8	50.9	64.4	66.7	65.9	66.8	7,887	6,939	7,648	8,920
Sindh	53.8	59.2	54.6	56.5	34.1	34.5	32.0	32.2	60.5	66.8	67.2	67.9	5,223	5,289	5,652	6,017
Quintile - 1	28.3	29.9	23.7	25.4	22.7	24.7	20.9	20.6	54.6	63.6	64.0	64.7	2,067	2,015	2,075	2,401
Quintile - 2	36.2	41.6	34.7	37.5	28.3	30.6	27.4	29.2	57.5	61.6	61.8	62.2	3,087	2,846	3,077	3,692
Quintile - 3	45.3	55.4	48.7	52.3	36.1	38.1	33.3	33.6	60.6	65.6	66.0	66.8	3,991	3,724	4,026	4,884
Quintile - 4	64.6	70.1	63.1	66.2	42.5	42.2	40.4	41.3	62.9	69.5	70.3	71.7	5,454	5,141	5,808	6,308
Quintile - 5	80.7	84.0	85.0	84.8	51.3	47.8	51.8	48.7	67.1	73.9	74.0	74.2	11,518	12,721	13,276	12,799
Sindh-Urban	70.7	77.0	72.0	72.2	42.4	43.1	40.3	39.6	62.7	69.5	69.7	70.4	6,556	7,204	7,609	7,547
Quintile - 1	48.7	55.1	44.9	45.6	33.1	35.5	29.3	30.9	57.8	65.3	66.1	67.1	2,357	2,743	2,796	3,478
Quintile - 2	56.8	69.9	60.3	63.6	39.4	43.6	37.7	36.1	60.8	67.1	67.7	68.6	3,484	3,750	3,920	4,404
Quintile - 3	69.2	76.3	71.7	70.7	43.0	45.1	41.6	42.8	63.0	70.8	70.3	70.5	4,429	4,649	5,386	5,778

Human Development Index indicator values at the national, provincial, and urban/rural levels by income quintiles, 2006–2007, 2012–2013, 2015–2016, and 2018–2019

TABLE 2A	Regions/Quintiles	Education								Health				Income			
		Adult literacy rate				Net enrolment rate				Life expectancy at birth ^b				Per capita income			
		2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19
	Quintile - 4	79.1	83.3	82.1	79.3	50.5	45.5	48.5	45.8	65.8	70.9	71.1	71.7	9,545	10,427	11,182	7,190
	Quintile - 5	90.0	92.1	91.8	91.9	55.9	54.4	58.4	52.5	66.1	73.2	73.4	74.1	12,966	14,454	14,761	16,886
	Sindh-Rural	34.8	38.7	34.1	36.9	27.1	28.5	25.3	25.5	58.8	64.8	65.2	66.0	3,926	3,476	3,752	4,381
	Quintile - 1	21.0	26.2	19.2	22.6	18.2	21.4	18.1	17.8	56.5	64.1	64.7	65.6	2,109	1,772	2,038	1,884
	Quintile - 2	26.8	30.5	26.5	27.4	23.0	26.5	23.8	25.5	57.4	63.1	63.2	63.8	2,767	2,351	2,543	2,818
	Quintile - 3	33.0	34.0	27.8	31.7	28.0	28.6	25.8	25.1	59.3	64.5	63.6	63.5	3,200	2,624	2,943	3,978
	Quintile - 4	35.5	39.6	37.1	37.9	32.7	32.7	29.1	28.2	58.5	64.6	65.5	66.5	4,388	4,022	4,079	5,368
	Quintile - 5	51.6	56.5	51.1	56.1	39.8	38.1	36.4	38.3	62.3	67.7	69.1	70.4	7,166	6,611	7,156	7,855
	Khyber Pakhtunkhwa	43.0	48.4	47.7	49.7	31.3	35.7	35.0	32.1	65.7	70.3	70.3	70.6	2,839	3,265	3,466	3,876
	Quintile - 1	25.2	32.2	26.9	32.8	23.8	30.6	27.2	27.1	63.4	70.4	70.2	70.1	1,252	1,499	1,721	1,860
	Quintile - 2	32.4	39.9	36.1	41.2	28.9	34.2	31.5	30.4	65.3	67.9	65.8	65.4	1,699	2,078	2,256	2,857
	Quintile - 3	40.8	44.3	44.4	46.3	30.3	36.7	37.0	32.8	61.6	65.6	68.3	69.7	1,990	2,650	2,829	3,187
	Quintile - 4	48.0	52.3	52.7	55.8	36.3	34.7	39.5	35.0	70.2	74.5	72.3	72.0	2,939	3,370	3,683	4,157
	Quintile - 5	62.0	65.8	69.0	65.7	41.5	47.1	45.6	38.8	68.1	73.1	75.2	75.7	6,314	6,730	6,843	7,320
	Khyber Pakhtunkhwa-Urban	57.2	62.6	60.0	62.3	37.5	40.4	40.7	39.0	67.5	72.7	73.4	73.9	4,170	4,721	4,663	4,756
	Quintile - 1	37.1	44.6	41.1	40.0	29.8	29.8	36.6	38.2	65.6	68.5	69.2	69.8	1,251	1,775	1,926	2,186
	Quintile - 2	45.2	46.8	50.8	52.7	35.9	36.9	40.0	37.9	68.1	73.0	72.6	72.7	1,956	2,506	2,665	2,764
	Quintile - 3	54.4	58.7	56.6	62.2	33.8	43.4	39.6	36.9	66.1	72.0	74.0	75.9	2,855	3,261	3,610	3,881
	Quintile - 4	66.2	69.3	65.8	69.0	45.8	50.2	42.3	39.9	67.5	73.4	74.4	74.4	5,992	5,587	6,139	5,149
	Quintile - 5	74.8	84.5	78.5	79.0	50.0	49.0	48.4	44.1	70.1	76.6	76.6	76.9	8,795	10,477	8,975	9,799
	Khyber Pakhtunkhwa-Rural	40.1	45.3	44.7	47.0	30.2	34.9	33.9	31.0	65.4	69.9	69.8	70.0	2,590	2,967	3,204	3,701
	Quintile - 1	24.5	31.0	26.4	32.0	23.2	29.5	26.4	26.1	63.9	68.2	68.3	68.5	1,281	1,501	1,754	1,814
	Quintile - 2	29.8	37.8	33.6	40.1	28.1	35.9	30.3	29.3	63.8	69.0	68.4	68.1	1,682	2,051	2,156	2,745

Human Development Index indicator values at the national, provincial, and urban/rural levels by income quintiles, 2006–2007, 2012–2013, 2015–2016, and 2018–2019

Regions/Quintiles	Education								Health				Income			
	Adult literacy rate				Net enrolment rate				Life expectancy at birth ^b				Per capita income			
	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19
Quintile - 3	38.9	42.6	40.3	43.7	29.5	35.4	35.4	30.9	64.9	69.9	69.7	69.7	1,931	2,554	2,427	3,185
Quintile - 4	44.9	49.3	48.9	53.2	35.5	33.9	39.0	34.2	66.6	69.7	70.4	71.1	2,639	3,231	3,467	4,012
Quintile - 5	57.2	59.4	65.5	60.4	38.3	43.6	44.0	37.4	67.8	72.6	72.3	72.4	5,417	5,500	6,213	6,747
Balochistan	35.0	41.5	38.0	37.5	20.6	25.9	20.9	22.1	68.5	62.2	64.7	66.0	3,486	3,374	3,423	3,576
Quintile - 1	19.0	26.0	20.9	20.1	9.2	21.6	13.8	14.4	66.8	56.1	58.7	60.5	1,815	1,526	1,818	1,764
Quintile - 2	23.1	30.7	26.1	24.1	15.5	19.3	19.3	17.6	62.8	61.0	62.8	63.2	2,338	2,414	2,478	2,371
Quintile - 3	30.7	40.1	33.0	32.1	23.4	29.2	21.3	21.1	68.4	61.0	64.8	68.1	3,124	2,949	2,977	3,289
Quintile - 4	42.2	45.2	39.7	41.5	26.5	27.9	22.3	26.7	73.8	67.0	67.0	66.9	3,769	3,517	3,391	3,987
Quintile - 5	55.2	58.6	62.4	59.7	33.2	34.0	30.8	38.2	70.8	65.9	70.2	71.6	6,384	6,466	6,450	6,469
Balochistan-Urban	55.1	59.1	57.9	53.8	30.2	34.2	31.5	30.8	71.9	64.0	66.4	67.7	4,223	4,009	4,757	4,199
Quintile - 1	41.7	38.2	37.2	36.7	20.5	24.7	21.5	19.0	70.1	59.2	62.0	63.6	1,767	1,876	2,240	2,052
Quintile - 2	51.3	48.0	45.7	40.1	29.8	31.4	29.9	24.5	70.5	65.9	66.9	67.4	2,754	2,539	3,135	2,592
Quintile - 3	54.0	52.5	52.7	52.1	29.0	29.2	29.6	29.9	71.8	63.3	66.5	68.1	3,444	3,183	3,423	3,518
Quintile - 4	59.3	67.5	63.1	56.0	35.7	41.5	38.5	39.9	72.7	66.1	68.5	69.8	4,607	4,811	4,950	4,366
Quintile - 5	65.9	80.0	80.0	75.7	39.9	52.5	47.0	52.6	74.2	65.5	68.3	69.8	8,545	7,636	10,034	8,467
Balochistan-Rural	28.5	35.2	30.0	30.9	17.6	23.3	17.1	19.1	67.6	61.7	64.2	65.6	3,254	3,165	2,919	3,325
Quintile - 1	16.7	22.7	17.6	17.5	8.3	19.7	12.8	14.2	68.4	57.1	61.4	63.7	1,820	1,527	1,796	1,609
Quintile - 2	16.1	27.2	25.3	18.5	11.3	21.2	16.3	16.2	63.6	62.7	62.8	62.8	1,988	2,289	2,327	2,267
Quintile - 3	21.6	37.5	23.0	26.4	18.6	22.7	19.5	18.1	66.5	58.8	62.6	64.7	2,991	2,954	2,474	3,231
Quintile - 4	36.9	37.6	32.6	34.0	26.3	30.0	17.7	22.2	70.0	64.3	67.1	68.7	3,611	3,226	3,134	3,950
Quintile - 5	47.6	46.2	46.7	49.8	27.6	23.6	20.2	28.8	69.2	65.7	67.3	68.2	5,862	5,828	4,862	5,566

NOTES

- a** The values are used for 2005–2006.
- b** Data on life expectancy at birth are not available at the provincial level or by income quintiles. The report estimates this from under-five mortality rates.

DEFINITIONS**Adult literacy rate**

The percentage of the population of and above the age of 15 who can read and write in any language, with understanding.

Net enrolment rate

Number of children aged 5-14 who attend Classes 1-10, divided by the total number of children aged 5-14 years, multiplied by 100.

Enrolment in katchi (pre-primary education) is excluded.

Life expectancy at birth

Number of years a newborn infant can expect to live if prevailing patterns of age-specific mortality rates at the time of their birth remain the same throughout their life.

Per capita income

Aggregate income of an economy estimated by gross domestic products (GDP), converted to International Dollars using PPP rates, divided by the population.

MAIN DATA SOURCES

Columns 1-4: UNDP calculations are based on micro data from the Household Integrated and Economic Surveys (HIES) of 2005–2006 and 2018–2019.

Columns 5-6: The national values are based on data from the Human Development Report. UNDP's calculations for provincial values based on the under-five mortality rate from the Pakistan Demographic and Health Surveys (PDHS).

Columns 7-8: UNDP's calculations are based on HIES data for 2005–2006, 2011–2012, and 2015–2016.

Inequality-adjusted Human Development Index, its components and trends at the national and provincial levels, 2006–2007, 2012–2013, 2015–2016, and 2018–2019

Regions	Human Development Index				Inequality-adjusted Human Development Index				Coefficient of human inequality				Overall loss			
	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19
Pakistan	0.529	0.557	0.558	0.570	0.491	0.517	0.519	0.534	6.85%	6.92%	6.76%	6.08%	7.08%	7.21%	6.99%	6.26%
Punjab	0.527	0.557	0.556	0.572	0.492	0.519	0.521	0.535	6.43%	6.61%	6.01%	6.27%	6.66%	6.88%	6.22%	6.51%
Sindh	0.529	0.573	0.563	0.574	0.488	0.524	0.510	0.531	7.48%	8.27%	9.04%	7.35%	7.72%	8.65%	9.38%	7.55%
Khyber Pakhtunkhwa	0.491	0.538	0.538	0.546	0.458	0.510	0.510	0.523	6.50%	5.06%	5.03%	4.09%	6.74%	5.23%	5.14%	4.19%
Balochistan	0.470	0.473	0.465	0.473	0.443	0.450	0.442	0.447	5.68%	4.79%	4.97%	5.49%	5.76%	4.89%	5.04%	5.57%

Regions	Inequality in education				Inequality in health				Inequality in income			
	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19
Pakistan	0.047	0.036	0.046	0.043	0.0018	0.0021	0.0018	0.0016	0.157	0.170	0.155	0.138
Punjab	0.039	0.033	0.031	0.032	0.0018	0.0024	0.0021	0.0018	0.153	0.163	0.147	0.154
Sindh	0.059	0.051	0.077	0.068	0.0025	0.0021	0.0021	0.0021	0.163	0.195	0.192	0.150
Khyber Pakhtunkhwa	0.037	0.023	0.038	0.021	0.0011	0.0011	0.0011	0.0011	0.157	0.128	0.112	0.100
Balochistan	0.078	0.034	0.057	0.068	0.0015	0.0020	0.0018	0.0017	0.091	0.108	0.090	0.095

DEFINITIONS

Human Development Index (HDI)

A composite index that measures average achievement in three basic dimensions of human development: a long and healthy life, education and learning, and a decent standard of living.

Inequality-adjusted Human Development Index (IHDI)

HDI value adjusted for inequalities in the three basic dimensions of human development.

Overall loss

Percentage difference between the IHDI value and the HDI value.

Coefficient of human inequality

Average inequality in three basic dimensions of human development.

TABLE 4

Child Development Index and its trends at the national and provincial levels by gender, 2001–2002, 2007–2008, 2011–2012, 2015–2016, and 2018–2019

Regions/gender	Standard of living					Education					Health and nutrition					Child Development Index					Child Development Status 2018-19	
	2001-02	2007-08	2011-12	2015-16	2018-19	2001-02	2007-08	2011-12	2015-16	2018-19	2001-02	2007-08	2011-12	2015-16	2018-19	2001-02	2007-08	2011-12	2015-16	2018-19		
Pakistan	0.463	0.493	0.538	0.611	0.611	0.273	0.357	0.428	0.411	0.420	0.454	0.545	0.598	0.658	0.694	0.397	0.465	0.521	0.560	0.575	Medium child development	
Pakistan - Male	-	0.503	-	0.629	0.649	-	0.368	-	0.424	0.439	-	0.538	-	0.636	0.669	-	0.470	-	0.563	0.586	Medium child development	
Pakistan - Female	-	0.483	-	0.592	0.569	-	0.339	-	0.395	0.401	-	0.557	-	0.680	0.719	-	0.460	-	0.556	0.563	Medium child development	
Punjab	0.488	0.571	0.599	0.632	0.687	0.299	0.397	0.472	0.460	0.542	0.456	0.565	0.589	0.675	0.736	0.414	0.511	0.553	0.589	0.655	Medium child development	
Punjab - Male	-	0.588	-	0.649	0.721	-	0.396	-	0.466	0.549	-	0.560	-	0.650	0.698	-	0.515	-	0.588	0.656	Medium child development	
Punjab - Female	-	0.555	-	0.615	0.650	-	0.390	-	0.459	0.535	-	0.567	-	0.709	0.778	-	0.504	-	0.594	0.654	Medium child development	
Sindh	0.478	0.407	0.472	0.545	0.548	0.277	0.331	0.394	0.371	0.392	0.382	0.458	0.507	0.557	0.607	0.379	0.399	0.458	0.491	0.516	Low child development	
Sindh - Male	-	0.405	-	0.539	0.586	-	0.354	-	0.383	0.424	-	0.455	-	0.507	0.552	-	0.405	-	0.476	0.521	Low child development	
Sindh - Female	-	0.412	-	0.552	0.506	-	0.305	-	0.358	0.358	-	0.454	-	0.612	0.664	-	0.390	-	0.507	0.510	Low child development	
Khyber Pakhtunkhwa	0.353	0.427	0.476	0.654	0.552	0.218	0.305	0.391	0.337	0.361	0.530	0.615	0.643	0.683	0.685	0.367	0.449	0.504	0.558	0.533	Low child development	
Khyber Pakhtunkhwa - Male	-	0.448	-	0.685	0.605	-	0.336	-	0.374	0.405	-	0.562	-	0.683	0.680	-	0.449	-	0.581	0.564	Medium child development	
Khyber Pakhtunkhwa - Female	-	0.403	-	0.618	0.492	-	0.272	-	0.298	0.314	-	0.674	-	0.682	0.687	-	0.450	-	0.533	0.498	Low child development	
Balochistan	0.449	0.240	0.394	0.365	0.399	0.150	0.191	0.246	0.226	0.183	0.385	0.511	0.312	0.426	0.466	0.328	0.314	0.317	0.339	0.349	Low child development	
Balochistan - Male	-	0.264	-	0.413	0.434	-	0.220	-	0.273	0.211	-	0.515	-	0.391	0.414	-	0.333	-	0.359	0.353	Low child development	
Balochistan - Female	-	0.213	-	0.304	0.358	-	0.162	-	0.172	0.151	-	0.498	-	0.468	0.523	-	0.291	-	0.315	0.344	Low child development	
		Income per Child Equivalent Index					Enrolment Rate (Primary) Index					Child Immunization Index					Child Gender Development Index					
Pakistan	0.275	0.445	0.515	0.601	0.618	0.420	0.550	0.570	0.570	0.528	0.413	0.663	0.775	0.775	0.777	-	0.978	-	0.987	0.962		
Pakistan - Male	-	0.452	-	0.616	0.676	-	0.590	-	0.600	0.543	-	0.688	-	0.775	0.773	-	-	-	-	-		
Pakistan - Female	-	0.438	-	0.587	0.561	-	0.520	-	0.530	0.512	-	0.638	-	0.775	0.781	-	-	-	-	-		
Punjab	0.279	0.472	0.557	0.644	0.699	0.450	0.610	0.620	0.610	0.596	0.463	0.700	0.863	0.863	0.919	-	0.979	-	1.010	0.998		
Punjab - Male	-	0.472	-	0.649	0.754	-	0.620	-	0.630	0.592	-	0.738	-	0.875	0.910	-	-	-	-	-		
Punjab - Female	-	0.472	-	0.638	0.643	-	0.590	-	0.590	0.600	-	0.663	-	0.863	0.927	-	-	-	-	-		

Child Development Index and its trends at the national and provincial levels by gender, 2001–2002, 2007–2008, 2011–2012, 2015–2016, and 2018–2019

Regions/gender	Standard of living					Education					Health and nutrition					Child Development Index						
	2001-02	2007-08	2011-12	2015-16	2018-19	2001-02	2007-08	2011-12	2015-16	2018-19	2001-02	2007-08	2011-12	2015-16	2018-19	2001-02	2007-08	2011-12	2015-16	2018-19		
Sindh	0.294	0.466	0.503	0.573	0.569	0.400	0.510	0.520	0.510	0.477	0.313	0.588	0.675	0.663	0.730	-	0.964	-	1.066	0.979		
Sindh - Male	-	0.481	-	0.592	0.628	-	0.550	-	0.550	0.513	-	0.638	-	0.650	0.740	-	-	-	-	-		
Sindh - Female	-	0.452	-	0.554	0.511	-	0.460	-	0.460	0.439	-	0.525	-	0.675	0.720	-	-	-	-	-		
Khyber Pakhtunkhwa	0.221	0.357	0.377	0.560	0.521	0.410	0.490	0.540	0.560	0.478	0.463	0.675	0.700	0.725	0.654	-	1.002	-	0.917	0.884		
Khyber Pakhtunkhwa - Male	-	0.370	-	0.590	0.574	-	0.550	-	0.610	0.515	-	0.613	-	0.738	0.660	-	-	-	-	-		
Khyber Pakhtunkhwa - Female	-	0.344	-	0.530	0.468	-	0.410	-	0.510	0.439	-	0.750	-	0.713	0.648	-	-	-	-	-		
Balochistan	0.273	0.249	0.436	0.366	0.376	0.320	0.410	0.450	0.460	0.330	0.050	0.463	0.413	0.388	0.304	-	0.873	-	0.876	0.974		
Balochistan - Male	-	0.272	-	0.387	0.440	-	0.470	-	0.560	0.366	-	0.438	-	0.400	0.296	-	-	-	-	-		
Balochistan - Female	-	0.227	-	0.345	0.313	-	0.350	-	0.350	0.287	-	0.475	-	0.375	0.312	-	-	-	-	-		
	Children in Top Two Quintiles Index					Enrolment Rate (Middle) Index					Child Not Stunted Index											
Pakistan	0.625	0.563	0.540	0.575	0.544	0.213	0.240	0.293	0.293	0.292	0.417	0.448	0.473	0.526	0.558							
Pakistan - Male	-	0.575	-	0.600	0.565	-	0.240	-	0.307	0.300	-	0.413	-	0.508	0.551							
Pakistan - Female	-	0.550	-	0.550	0.519	-	0.227	-	0.280	0.283	-	0.484	-	0.543	0.564							
Punjab	0.688	0.670	0.628	0.600	0.683	0.240	0.253	0.333	0.333	0.365	0.478	0.508	0.532	0.606	0.649							
Punjab - Male	-	0.693	-	0.625	0.708	-	0.240	-	0.333	0.354	-	0.475	-	0.581	0.628							
Punjab - Female	-	0.650	-	0.575	0.654	-	0.267	-	0.333	0.378	-	0.542	-	0.633	0.673							
Sindh	0.623	0.440	0.488	0.428	0.465	0.187	0.240	0.253	0.240	0.208	0.317	0.326	0.333	0.382	0.413							
Sindh - Male	-	0.453	-	0.425	0.486	-	0.280	-	0.253	0.230	-	0.285	-	0.362	0.406							
Sindh - Female	-	0.425	-	0.430	0.441	-	0.213	-	0.213	0.182	-	0.367	-	0.404	0.420							
Khyber Pakhtunkhwa	0.440	0.510	0.420	0.665	0.422	0.160	0.187	0.280	0.280	0.242	0.383	0.454	0.507	0.518	0.525							
Khyber Pakhtunkhwa - Male	-	0.508	-	0.690	0.453	-	0.240	-	0.320	0.285	-	0.414	-	0.519	0.553							

TABLE 4

Child Development Index and its trends at the national and provincial levels by gender, 2001–2002, 2007–2008, 2011–2012, 2015–2016, and 2018–2019

Regions/gender	Children in Top Two Quintiles Index					Enrolment Rate (Middle) Index					Child Not Stunted Index				
	2001-02	2007-08	2011-12	2015-16	2018-19	2001-02	2007-08	2011-12	2015-16	2018-19	2001-02	2007-08	2011-12	2015-16	2018-19
Khyber Pakhtunkhwa - Female	-	0.513	-	0.638	0.385	-	0.147	-	0.227	0.193	-	0.491	-	0.518	0.500
Balochistan	0.510	0.085	0.253	0.135	0.087	0.107	0.160	0.187	0.173	0.152	0.093	0.063	0.036	0.306	0.442
Balochistan - Male	-	0.108	-	0.148	0.083	-	0.187	-	0.213	0.173	-	0.011	-	0.250	0.383
Balochistan - Female	-	0.063	-	0.123	0.092	-	0.133	-	0.133	0.126	-	0.111	-	0.369	0.512
	Children Not Engaged in Work Index					Enrolment Rate (Matric) Index					Child Not Wasted Index				
Pakistan	0.490	0.472	0.558	0.656	0.670	0.180	0.220	0.260	0.280	0.284	0.715	0.723	0.730	0.794	0.828
Pakistan - Male	-	0.483	-	0.671	0.706	-	0.220	-	0.280	0.289	-	0.696	-	0.781	0.819
Pakistan - Female	-	0.460	-	0.639	0.629	-	0.200	-	0.280	0.279	-	0.750	-	0.808	0.839
Punjab	0.496	0.572	0.611	0.654	0.679	0.220	0.260	0.300	0.320	0.377	0.721	0.745	0.763	0.865	0.908
Punjab - Male	-	0.600	-	0.673	0.702	-	0.260	-	0.320	0.365	-	0.720	-	0.852	0.897
Punjab - Female	-	0.543	-	0.633	0.654	-	0.240	-	0.340	0.389	-	0.771	-	0.882	0.922
Sindh	0.516	0.315	0.426	0.633	0.610	0.180	0.220	0.240	0.240	0.209	0.668	0.664	0.660	0.691	0.710
Sindh - Male	-	0.282	-	0.600	0.645	-	0.220	-	0.220	0.220	-	0.639	-	0.671	0.691
Sindh - Female	-	0.360	-	0.672	0.567	-	0.200	-	0.280	0.198	-	0.689	-	0.711	0.729
Khyber Pakhtunkhwa	0.398	0.414	0.632	0.736	0.712	0.100	0.120	0.200	0.200	0.167	0.767	0.733	0.700	0.776	0.815
Khyber Pakhtunkhwa - Male	-	0.468	-	0.774	0.790	-	0.120	-	0.240	0.216	-	0.695	-	0.754	0.810
Khyber Pakhtunkhwa - Female	-	0.353	-	0.688	0.623	-	0.120	-	0.160	0.114	-	0.767	-	0.795	0.819
Balochistan	0.565	0.385	0.494	0.595	0.735	0.060	0.100	0.120	0.140	0.112	0.736	0.706	0.678	0.610	0.558
Balochistan - Male	-	0.414	-	0.704	0.781	-	0.120	-	0.180	0.144	-	0.717	-	0.614	0.552
Balochistan - Female	-	0.350	-	0.445	0.669	-	0.080	-	0.080	0.077	-	0.695	-	0.609	0.567

Child Development Index and its trends at the national and provincial levels by gender, 2001–2002, 2007–2008, 2011–2012, 2015–2016, and 2018–2019

Regions/gender	Education Expenditure Index					Infant Survival Index									
	2001-02	2007-08	2011-12	2015-16	2018-19	2001-02	2007-08	2011-12	2015-16	2018-19					
Pakistan	-	-	-	-	-	0.280	0.417	0.590	0.499	0.578	0.271	0.347	0.413	0.538	0.613
Pakistan - Male	-	-	-	-	-	-	0.422	-	0.509	0.625	-	0.356	-	0.482	0.533
Pakistan - Female	-	-	-	-	-	-	0.411	-	0.488	0.531	-	0.355	-	0.595	0.693
Punjab	-	-	-	-	-	0.285	0.465	0.636	0.578	0.828	0.163	0.307	0.200	0.367	0.467
Punjab - Male	-	-	-	-	-	-	0.465	-	0.582	0.885	-	0.308	-	0.290	0.356
Punjab - Female	-	-	-	-	-	-	0.465	-	0.573	0.771	-	0.292	-	0.458	0.591
Sindh	-	-	-	-	-	0.341	0.355	0.562	0.493	0.673	0.231	0.253	0.360	0.493	0.573
Sindh - Male	-	-	-	-	-	-	0.364	-	0.507	0.731	-	0.260	-	0.345	0.372
Sindh - Female	-	-	-	-	-	-	0.345	-	0.479	0.615	-	0.233	-	0.659	0.787
Khyber Pakhtunkhwa	-	-	-	-	-	0.202	0.424	0.545	0.310	0.558	0.507	0.600	0.667	0.716	0.747
Khyber Pakhtunkhwa - Male	-	-	-	-	-	-	0.436	-	0.325	0.605	-	0.527	-	0.723	0.696
Khyber Pakhtunkhwa - Female	-	-	-	-	-	-	0.412	-	0.294	0.511	-	0.688	-	0.703	0.784
Balochistan	-	-	-	-	-	0.114	0.094	0.227	0.131	0.137	0.659	0.813	0.120	0.402	0.560
Balochistan - Male	-	-	-	-	-	-	0.103	-	0.139	0.160	-	0.896	-	0.299	0.426
Balochistan - Female	-	-	-	-	-	-	0.086	-	0.123	0.113	-	0.709	-	0.519	0.701

DEFINITIONS**Child Development Index**

The CDI is a composite index that measures average achievement in child development in three basic dimensions of human development: standard of living, education, and health and nutrition. See Technical note 6 of the NHDR 2020 for details on how the CDI is calculated.

MAIN DATA SOURCES

Columns 1-2: UNDP calculations are based on the datasets of the HIES and LFS for 2007–2008 and 2018–2019.

Columns 3-4: The values for enrolment rates at the primary, middle, and matric levels are based on data from the PSLM 2007–2008 and HIES 2018–2019. Values of education expenditure per child are based on the HIES for 2007–2008 and 2018–2019.

Columns 5-6: The child immunization rates are based on the PSLM dataset for 2007–2008 and the HIES for 2018–2019. The rest of the indicators are based on the PDHS 2006–2007 and 2017–2018.

Columns 7-8: The calculations are based on columns 1 to 6.

Regions/gender	Standard of living					Education					Health and nutrition				
	2001-02	2007-08	2011-12	2015-16	2018-19	2001-02	2007-08	2011-12	2015-16	2018-19	2001-02	2007-08	2011-12	2015-16	2018-19
	Income per child equivalent					Enrolment rate (primary)					Child immunization rate				
Pakistan	767	1,056	1,175	1,323	1,351	42	55	57	57	53	53	73	82	82	82
Pakistan - Male	-	1,068	-	1,347	1,449	-	59	-	60	54	-	75	-	82	82
Pakistan - Female	-	1,044	-	1,298	1,253	-	52	-	53	51	-	71	-	82	82
Punjab	775	1,102	1,247	1,394	1,488	45	61	62	61	60	57	76	89	89	93
Punjab - Male	-	1,103	-	1,404	1,582	-	62	-	63	59	-	79	-	90	93
Punjab - Female	-	1,102	-	1,385	1,393	-	59	-	59	60	-	73	-	89	94
Sindh	800	1,093	1,155	1,274	1,268	40	51	52	51	48	45	67	74	73	78
Sindh - Male	-	1,117	-	1,306	1,368	-	55	-	55	51	-	71	-	72	79
Sindh - Female	-	1,069	-	1,242	1,168	-	46	-	46	44	-	62	-	74	78
Khyber Pakhtunkhwa	676	906	941	1,252	1,185	41	49	54	56	48	57	74	76	78	72
Khyber Pakhtunkhwa - Male	-	928	-	1,304	1,275	-	55	-	61	52	-	69	-	79	73
Khyber Pakhtunkhwa - Female	-	885	-	1,201	1,096	-	41	-	51	44	-	80	-	77	72
Balochistan	764	724	1,040	922	940	32	41	45	46	33	24	57	53	51	44
Balochistan - Male	-	762	-	958	1,047	-	47	-	56	37	-	55	-	52	44
Balochistan - Female	-	686	-	886	833	-	35	-	35	29	-	58	-	50	45
	Children in the top two quintiles					Enrolment rate (middle)					Children not stunted				
Pakistan	35.0	32.5	31.6	33.0	31.8	16	18	22	22	22	50.5	53.1	55.2	59.7	62.4
Pakistan - Male	-	33.0	-	34.0	32.6	-	18	-	23	22	-	50.1	-	58.2	61.8
Pakistan - Female	-	32.0	-	32.0	30.8	-	17	-	21	21	-	56.2	-	61.1	62.9
Punjab	37.5	36.8	35.1	34.0	37.3	18	19	25	25	27	55.6	58.2	60.2	66.5	70.2

Child Development Index indicator values at the national and provincial levels by gender, 2001–2002, 2007–2008, 2011–2012, 2015–2016, and 2018–2019

Regions/gender	Standard of living					Education					Health and nutrition				
	2001-02	2007-08	2011-12	2015-16	2018-19	2001-02	2007-08	2011-12	2015-16 ^e	2018-19	2001-02	2007-08	2011-12	2015-16	2018-19
	Children in the top two quintiles					Enrolment rate (middle)					Children not stunted				
Punjab - Male	-	37.7	-	35.0	38.3	-	18	-	25	27	-	55.4	-	64.4	68.4
Punjab - Female	-	36.0	-	33.0	36.1	-	20	-	25	28	-	61.1	-	68.8	72.2
Sindh	34.9	27.6	29.5	27.1	28.6	14	18	19	18	16	42.0	42.7	43.3	47.5	50.1
Sindh - Male	-	28.1	-	27.0	29.4	-	21	-	19	17	-	39.2	-	45.7	49.5
Sindh - Female	-	27.0	-	27.2	27.6	-	16	-	16	14	-	46.2	-	49.3	50.7
Khyber Pakhtunkhwa	27.6	30.4	26.8	36.6	26.9	12	14	21	21	18	47.6	53.6	58.1	59.0	59.6
Khyber Pakhtunkhwa - Male	-	30.3	-	37.6	28.1	-	18	-	24	21	-	50.2	-	59.2	62.0
Khyber Pakhtunkhwa - Female	-	30.5	-	35.5	25.4	-	11	-	17	15	-	56.7	-	59.0	57.5
Balochistan	30.4	13.4	20.1	15.4	13.5	8	12	14	13	11	22.9	20.3	18.1	41.0	52.6
Balochistan - Male	-	14.3	-	15.9	13.3	-	14	-	16	13	-	15.9	-	36.3	47.5
Balochistan - Female	-	12.5	-	14.9	13.7	-	10	-	10	9	-	24.4	-	46.4	58.5
Balochistan - Female	-	686	-	886	833	-	35	-	35	29	-	58	-	50	45
	Children not engaged in work					Enrolment rate (matric)					Children not wasted				
Pakistan	84.7	84.2	86.7	89.7	90.1	9	11	13	14	14	88.6	88.9	89.2	91.7	93.1
Pakistan - Male	-	84.5	-	90.1	91.2	-	11	-	14	14	-	87.8	-	91.2	92.8
Pakistan - Female	-	83.8	-	89.2	88.9	-	10	-	14	14	-	90.0	-	92.3	93.5
Punjab	84.9	87.2	88.3	89.6	90.4	11	13	15	16	19	88.8	89.8	90.5	94.6	96.3
Punjab - Male	-	88.0	-	90.2	91.1	-	13	-	16	18	-	88.8	-	94.1	95.9
Punjab - Female	-	86.3	-	89.0	89.6	-	12	-	17	19	-	90.8	-	95.3	96.9
Sindh	85.5	79.4	82.8	89.0	88.3	9	11	12	12	10	86.7	86.5	86.4	87.6	88.4
Sindh - Male	-	78.5	-	88.0	89.3	-	11	-	11	11	-	85.6	-	86.8	87.6

Regions/gender	Standard of living					Education					Health and nutrition				
	2001-02	2007-08	2011-12	2015-16	2018-19	2001-02	2007-08	2011-12	2015-16	2018-19	2001-02	2007-08	2011-12	2015-16	2018-19
	Children not engaged in work					Enrolment rate (matric)					Children not wasted				
Sindh - Female		80.8	-	90.2	87.0	-	10	-	14	10	-	87.6	-	88.5	89.2
Khyber Pakhtunkhwa		82.4	89.0	92.1	91.4	5	6	10	10	8	90.7	89.3	88.0	91.0	92.6
Khyber Pakhtunkhwa - Male		84.0	-	93.2	93.7	-	6	-	12	11Z	-	87.8	-	90.1	92.4
Khyber Pakhtunkhwa - Female		80.6	-	90.6	88.7	-	6	-	8	6	-	90.7	-	91.8	92.7
Balochistan		81.6	84.8	87.9	92.0	3	5	6	7	6	89.4	88.2	87.1	84.4	82.3
Balochistan - Male		82.4	-	91.1	93.4	-	6	-	9	7	-	88.7	-	84.6	82.1
Balochistan - Female		80.5	-	83.3	90.1	-	4	-	4	4	-	87.8	-	84.4	82.7
						Education expenditure per child					Infant survival rate				
Pakistan	-	-	-	-		26.0	36.3	49.3	42.4	48.3	0.900	0.906	0.911	0.920	0.926
Pakistan - Male	-	-	-	-		-	36.7	-	43.2	51.8	-	0.907	-	0.916	0.920
Pakistan - Female	-	-	-	-		-	35.8	-	41.6	44.8	-	0.907	-	0.925	0.932
Punjab	-	-	-	-		26.4	39.9	52.7	48.3	67.1	0.892	0.903	0.895	0.908	0.915
Punjab - Male	-	-	-	-		-	39.9	-	48.7	71.4	-	0.903	-	0.902	0.907
Punjab - Female	-	-	-	-		-	39.9	-	48.0	62.8	-	0.902	-	0.914	0.924
Sindh	-	-	-	-		30.6	31.6	47.2	42.0	55.5	0.897	0.899	0.907	0.917	0.923
Sindh - Male	-	-	-	-		-	32.3	-	43.1	59.8	-	0.899	-	0.906	0.908
Sindh - Female	-	-	-	-		-	30.9	-	40.9	51.1	-	0.897	-	0.929	0.939
Khyber Pakhtunkhwa	-	-	-	-		20.1	36.8	45.9	28.2	46.8	0.918	0.925	0.930	0.934	0.936
Khyber Pakhtunkhwa - Male	-	-	-	-		-	37.7	-	29.4	50.4	-	0.920	-	0.934	0.932
Khyber Pakhtunkhwa - Female	-	-	-	-		-	35.9	-	27.1	43.3	-	0.932	-	0.933	0.939

Child Development Index indicator values at the national and provincial levels by gender, 2001–2002, 2007–2008, 2011–2012, 2015–2016, and 2018–2019

Regions/gender	Standard of living					Education					Health and nutrition				
	2001-02	2007-08	2011-12	2015-16	2018-19	2001-02	2007-08	2011-12	2015-16	2018-19	2001-02	2007-08	2011-12	2015-16	2018-19
						Education expenditure per child					Infant survival rate				
Balochistan	-	-	-	-	-	13.6	12.1	22.0	14.8	15.3	0.929	0.941	0.889	0.910	0.922
Balochistan - Male	-	-	-	-	-	-	12.7	-	15.4	17.0	-	0.947	-	0.902	0.912
Balochistan - Female	-	-	-	-	-	-	11.4	-	14.2	13.5	-	0.933	-	0.919	0.933

DEFINITIONS**Income per child equivalent**

The real income per child equivalent derived from real income, divided by the number of child equivalents.

Children in the top two quintiles

Percentage of children in the two richest income quintiles.

Children not engaged in work

Percentage of children aged 10–14 who are not engaged in labour.

Enrolment rate (primary)

Number of children aged 5–9 attending Classes 1–5, divided by the total number of children aged 5–9, multiplied by 100. Enrolment in katchi (pre-primary education) is excluded.

Enrolment rate (middle)

Number of children aged 10–12 attending Classes 6–8, divided by the total number of children aged 10–12, multiplied by 100.

Enrolment rate (matric)

Number of children aged 13–14 who are attending Classes 9–10, divided by the total number of children aged 13–14, multiplied by 100.

Education expenditure per child

The real education expenditure per child equivalent, derived from real education expenditure, divided by the number of child equivalent.

Child immunization rate

Percentage of children between the ages of 12 and 23 months old who are fully immunized, based on records and recall.

Children not stunted

Percentage of children under 5 years old who are not stunted according to WHO's growth standards.

Children not wasted

Percentage of children under 5 years old who are not wasted according to WHO's growth standards.

Infant survival rate

The survival rate for children under 5 years old, based on the data sets of the Pakistan Demographic and Health Survey (PDHS).

MAIN DATA SOURCES

Columns 1-2: UNDP calculations are based on the datasets of the HIES and LFS for 2007–2008 and 2018–2019.

Columns 3-4: The values of the enrolment rate at the primary, middle, and matric levels are based on the PSLM 2007–2008 and the HIES 2018–2019. The values of education expenditure per child are based on the HIES 2007–2008 and 2018–2019.

Columns 5-6: The immunization rates are based on the PSLM dataset for 2007–2008 and the HIES 2018–2019. The rest of the indicators are based on the PDHS 2006–2007 and 2017–2018.

Youth Development Index and its trends at the national and provincial levels, 2001–2002, 2007–2008, 2012–2013, and 2017–2018

Regions	Years of Schooling of Youth Index				Youth Employment-to-Population Ratio Index				Percentage of Youth Enrolment in Higher Education Index				Percentage of Fully-employed Youth Index				Youth Survival Index				Youth Development Index				Youth Development Status 2018-19
	2001-02	2007-08	2012-13	2017-18	2001-02	2007-08	2012-13	2017-18	2001-02	2007-08	2012-13	2017-18	2001-02	2007-08	2012-13	2017-18	2001-02	2007-08	2012-13	2017-18	2001-02	2007-08	2012-13	2017-18	
Pakistan	0.400	0.492	0.541	0.587	0.472	0.487	0.475	0.461	0.307	0.395	0.459	0.553	0.838	0.831	0.801	0.819	0.351	0.454	0.544	0.604	0.474	0.532	0.564	0.605	Medium Youth development
Punjab	0.420	0.518	0.564	0.631	0.540	0.520	0.508	0.502	0.280	0.393	0.451	0.559	0.824	0.818	0.782	0.795	0.490	0.538	0.582	0.582	0.511	0.557	0.578	0.614	Medium Youth development
Sindh	0.459	0.520	0.551	0.568	0.452	0.523	0.524	0.468	0.442	0.486	0.514	0.624	0.890	0.913	0.849	0.926	0.190	0.366	0.510	0.598	0.487	0.562	0.589	0.637	Medium Youth development
Khyber Pakhtunkhwa	0.296	0.399	0.564	0.514	0.315	0.358	0.312	0.353	0.235	0.305	0.460	0.495	0.800	0.687	0.732	0.704	0.407	0.462	0.513	0.551	0.410	0.442	0.516	0.524	Low Youth development
Balochistan	0.105	0.292	0.274	0.369	0.295	0.349	0.381	0.327	0.146	0.204	0.235	0.289	0.854	0.957	0.961	0.919	0.572	0.613	0.650	0.678	0.395	0.483	0.500	0.517	Low Youth development
Pakistan - Male	0.537	0.600	0.635	0.667	0.900	0.859	0.808	0.804	0.354	0.419	0.486	0.567	0.894	0.917	0.907	0.920	0.342	0.402	0.459	0.502	0.605	0.639	0.659	0.692	Medium Youth development
Pakistan - Female	0.259	0.384	0.445	0.509	0.040	0.113	0.140	0.124	0.259	0.371	0.432	0.540	0.513	0.496	0.441	0.468	0.368	0.506	0.620	0.696	0.288	0.374	0.416	0.467	Low Youth development

DEFINITIONS

Youth Development Index (YDI)

The YDI is a composite index that measures average achievement in four indicators: the percentage of years of schooling among the youth population, youth's employment-to-population ratio, the percentage of youth enrolment in higher education, and the percentage of fully employed youth. See Technical note 7 of the NHDR 2020 for details on how the YDI is calculated.

Years of schooling of youth

The average years of schooling of young people aged 15 to 29.

Youth employment-to-population ratio

This is calculated by dividing the number of young people employed by the total number of young people in the population of working age (aged 15 to 29).

Percentage of youth enrolment in higher education

Gross enrolment rate of the youth population (aged 15 to 29) in higher secondary education, degrees, and universities.

Percentage of fully-employed youth

Percentage of youth aged 15 to 29 who are fully employed (i.e. who work 35 or more hours a week).

Youth survival rate

The survival rate is computed using the mortality rate for the population aged 15 to 29.

MAIN DATA SOURCES

Columns 1-8: The values are based on the Labour Force Surveys (LFS) for these years.

Columns 9-10: The values are based on the Pakistan Demographic and Health Survey 2006–2007 and the Pakistan Maternal Mortality Survey 2019.

Youth Development Index indicator values at the national and provincial levels, 2001–2002, 2007–2008, 2012–2013, 2015–2016, and 2017–2018

Regions	Years of schooling of youth				Youth employment-to-population ratio				Percentage of youth enrolment in higher education				Percentage of fully-employed youth				Youth survival rate			
	2001-02	2007-08	2012-13	2017-18	2001-02	2007-08	2012-13	2017-18	2001-02	2007-08	2012-13	2017-18	2001-02	2007-08	2012-13	2017-18	2001-02	2007-08	2012-13	2017-18
Pakistan	5.20	5.94	6.33	6.69	43.05	44.08	43.23	42.30	9.21	11.86	13.78	16.60	87.02	86.52	84.06	85.52	0.9980	0.9983	0.9986	0.9988
Punjab	5.36	6.14	6.51	7.05	47.83	46.41	45.58	45.16	8.40	11.79	13.54	16.76	85.92	85.41	82.56	83.59	0.9984	0.9986	0.9987	0.9987
Sindh	5.67	6.16	6.41	6.54	41.65	46.60	46.65	42.73	13.26	14.59	15.41	18.71	91.20	93.06	87.95	94.07	0.9976	0.9981	0.9985	0.9987
Khyber Pakhtunkhwa	4.37	5.19	6.51	6.12	32.08	35.09	31.81	34.72	7.04	9.14	13.81	14.85	83.99	74.97	78.54	76.35	0.9982	0.9983	0.9985	0.9986
Balochistan	2.84	4.33	4.19	4.95	30.64	34.41	36.70	32.91	4.39	6.13	7.04	8.67	88.35	96.52	96.88	93.54	0.9987	0.9988	0.9989	0.9990
Pakistan - Male	6.29	6.80	7.08	7.34	73.00	70.14	66.54	66.31	10.62	12.58	14.58	17.00	91.53	93.33	92.56	93.63	0.9980	0.9982	0.9983	0.9985
Pakistan - Female	4.07	5.07	5.56	6.07	12.83	17.88	19.77	18.71	7.76	11.12	12.96	16.20	61.05	59.67	55.27	57.42	0.9981	0.9985	0.9988	0.9990

DEFINITIONS**Years of schooling of youth**

The average years of schooling of young people aged 15 to 29.

Youth employment-to-population ratio

This is calculated by dividing the number of young people employed by the total number of young people in the population of working age (aged 15 to 29).

Percentage of youth enrolment in higher education

Gross enrolment rate of the youth population (aged 15 to 29) in higher secondary education, degrees, and universities.

Percentage of fully-employed youth

Percentage of youth aged 15 to 29 who are fully employed (i.e. who work 35 or more hours a week).

Youth survival rate

The survival rate is computed using the mortality rate for the population aged 15 to 29.

MAIN DATA SOURCES

Columns 1-8: The values are based on the Labour Force Surveys (LFS) for these years.

Columns 9-10: The values are based on the Pakistan Demographic and Health Survey 2006–2007 and the Pakistan Maternal Mortality Survey 2019.

Gender Development Index and its trends at the national level, 2006–2007, 2012–2013, 2015–2016, and 2018–2019

Gender	Education								Health Index				Income Index				Human Development Index				Gender Development Index				Absolute deviation of GDI ^c							
	Adult Literacy Index				Net Enrolment Index				Education Index				Life expectancy at birth				Estimated earned income				Human Development Index				Gender Development Index				Absolute deviation of GDI ^c			
	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19
Female	0.382	0.437	0.443	0.458	0.320	0.372	0.369	0.360	0.361	0.415	0.418	0.426	0.620	0.645	0.654	0.663	0.397	0.405	0.427	0.426	0.446	0.477	0.489	0.493	0.750	0.767	0.780	0.777	25.0	23.3	22.0	22.3
Male	0.636	0.690	0.679	0.696	0.373	0.416	0.409	0.379	0.548	0.598	0.589	0.590	0.593	0.615	0.623	0.634	0.650	0.653	0.669	0.685	0.595	0.622	0.626	0.635								

NOTES

a The values used are for 2005–2006.

b The values used are for 2011–2012.

c Calculated as $100 * |GDI - 1|$.

DEFINITIONS**Gender Development Index (GDI)**

Ratio of female to male Human Development Index (HDI) values.

Human Development Index (HDI)

A composite index that measures average achievement in three basic dimensions of human development: a long and healthy life, education and learning, and a decent standard of living.

Adult literacy rate

The percentage of the population of and over the age of 15 who can read and write in any language, with understanding.

Net enrolment rate

Number of children aged 5–14 years attending Classes 1–10, divided by the total number of children aged 5–14, multiplied by 100. Enrolment in katchi (pre-primary education) is excluded.

Life expectancy at birth

Number of years a newborn infant can expect to live if prevailing patterns of age-specific mortality rates at the time of their birth remain the same throughout their life.

Estimated Earned Income

Per capita estimated income by gender (at 2005–2006 PPP \$).

MAIN DATA SOURCES

Columns 1-6: UNDP calculations are based on micro data from the HIES 2005–2006 and 2018–2019.

Columns 7-8: The national values are based on data from the Human Development Report.

Columns 9-10: UNDP own calculations.

Gender Development Index indicator values at the national level, 2006–2007, 2012–2013, 2015–2016, and 2018–2019

Gender	Education								Health				Income			
	Adult literacy rate				Net enrolment rate				Life expectancy at birth				Estimated earned income			
	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07 ^a	2012-13 ^b	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19
Female	38.2	43.7	44.3	45.8	32.0	37.2	36.9	36.0	65.3	66.9	67.5	68.1	1,385	1,459	1,689	1,673
Male	63.6	69.0	67.9	69.6	37.3	41.6	40.9	37.9	63.5	65.0	65.5	66.2	7,385	7,528	8,405	9,335

NOTES

^a The values used are for 2005–2006.

^b The values used are for 2011–2012.

DEFINITIONS**Adult literacy rate**

The percentage of the population of and over the age of 15 who can read and write in any language, with understanding.

Net enrolment rate

Number of children aged 5–14 years attending Classes 1–10, divided by the total number of children aged 5–14, multiplied by 100. Enrolment in katchi (pre-primary education) is excluded.

Life expectancy at birth

Number of years a newborn infant can expect to live if prevailing patterns of age-specific mortality rates at the time of their birth remain the same throughout their life.

Estimated Earned Income

Per capita estimated income by gender (at 2005–2006 PPP \$).

MAIN DATA SOURCES

Columns 1-4: UNDP calculations are based on micro data from the HIES 2005–2006 and 2018–2019.

Columns 5-6: The national values are based on data from the Human Development Report.

Columns 7-8: UNDP's own calculations.

Gender Inequality Index, its components and trends at the national and provincial levels, 2006–2007, 2012–2013, 2015–2016, and 2018–2019

Regions	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19	Gender Development Status 2018-19
	Aggregation across dimensions for females (G _f)				Aggregation across dimensions for males (G _m)				Equally Distributed Gender Index HARM (G _f , G _m)				Gender Inequality Index (GII)				
Pakistan	0.113	0.125	0.131	0.128	0.768	0.782	0.776	0.784	0.197	0.216	0.223	0.220	0.582	0.555	0.540	0.548	Low gender development
Punjab	0.124	0.141	0.146	0.151	0.773	0.788	0.785	0.796	0.213	0.239	0.247	0.254	0.557	0.523	0.509	0.500	Low gender development
Sindh	0.105	0.117	0.114	0.106	0.783	0.795	0.789	0.785	0.185	0.204	0.200	0.187	0.607	0.575	0.579	0.599	Medium gender development
Khyber Pakhtunkhwa	0.089	0.091	0.092	0.087	0.752	0.749	0.745	0.763	0.160	0.162	0.164	0.155	0.642	0.636	0.630	0.652	Medium gender development
Balochistan	0.070	0.084	0.101	0.072	0.715	0.756	0.741	0.728	0.127	0.152	0.179	0.131	0.688	0.652	0.598	0.686	Medium gender development

	Health Standard Index Health _{f,m}				Empowerment Standard Index Empowerment _{f,m}				Labour Market Standard Index LFPR _{f,m}				Reference Standard Gender Inequality Index G _{f,m}			
Pakistan	0.514	0.516	0.517	0.517	0.459	0.491	0.494	0.504	0.446	0.452	0.449	0.441	0.472	0.486	0.486	0.486
Punjab	0.515	0.517	0.518	0.520	0.464	0.503	0.503	0.522	0.465	0.483	0.486	0.482	0.481	0.501	0.502	0.508
Sindh	0.514	0.518	0.520	0.518	0.469	0.493	0.496	0.488	0.431	0.434	0.413	0.403	0.471	0.480	0.474	0.467
Khyber Pakhtunkhwa	0.511	0.512	0.512	0.512	0.432	0.462	0.460	0.478	0.403	0.372	0.367	0.362	0.446	0.445	0.442	0.446
Balochistan	0.512	0.516	0.515	0.513	0.342	0.407	0.406	0.392	0.388	0.394	0.417	0.359	0.408	0.436	0.444	0.416

DEFINITIONS

Gender Inequality Index

The GII reflects gender-based disadvantage in three dimensions: reproductive health, empowerment, and the labour market.

Gender Inequality Index indicator values at the national and provincial levels, 2006–2007, 2012–2013, 2015–2016, and 2018–2019

Regions	Reproductive health								Empowerment								Labour market			
	Percentage without access to prenatal and postnatal care				Percentage of ever-married women 15 to 19 years of age				Share of seats in parliament				Percentage of the population with primary or higher education				Labour force participation rate			
	2006-07 ^a	2012-13 ^b	2015-16 ^c	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07 ^a	2012-13 ^b	2015-16 ^c	2018-19	2006-07	2012-13	2015-16	2018-19	2006-07	2012-13	2015-16	2018-19
Female																				
Pakistan	63.0	53.0	49.0	41.5	20.3	18.5	17.6	20.0	21.3	19.7	20.5	20.2	33	42	43	44	19.6	21.5	22.0	20.1
Punjab	63.0	52.5	46.5	36.5	16.9	16.5	16.2	17.0	19.7	20.5	20.5	20.1	37	47	47	52	22.8	26.4	27.8	26.5
Sindh	59.0	45.5	47.5	40.0	20.7	16.5	13.7	18.5	19.6	18.5	18.5	18.1	35	41	43	40	15.3	16.0	13.5	12.1
Khyber Pakhtunkhwa	68.0	60.0	55.5	51.0	31.5	30.7	29.1	31.8	18.5	17.7	17.7	17.6	23	29	28	30	16.0	14.2	14.0	11.3
Balochistan	76.0	72.5	66.0	61.5	24.3	13.6	16.4	23.9	18.5	18.5	18.5	16.9	11	18	19	19	10.3	10.3	18.3	7.9
Male																				
Pakistan	NA	NA	NA	NA	NA	NA	NA	NA	78.7	80.3	79.5	79.8	54	60	60	63	69.5	68.9	67.8	68.0
Punjab	NA	NA	NA	NA	NA	NA	NA	NA	80.3	79.5	79.5	79.9	54	61	61	65	70.2	70.2	69.4	69.9
Sindh	NA	NA	NA	NA	NA	NA	NA	NA	80.4	81.5	81.5	81.9	57	62	62	61	71.0	70.7	69.2	68.5
Khyber Pakhtunkhwa	NA	NA	NA	NA	NA	NA	NA	NA	81.5	82.3	82.3	82.4	53	59	59	64	64.7	60.2	59.4	61.1
Balochistan	NA	NA	NA	NA	NA	NA	NA	NA	81.5	81.5	81.5	83.1	36	49	48	44	67.4	68.5	65.1	63.8

NOTES

a The values used for 2005–2006.

b The values are used for year 2011-2012.

c The values are used for year 2014-2015.

DEFINITIONS**Percentage without access to prenatal and postnatal care**

Currently married women aged 15 to 49 who have given birth in the last three years and who have not attended at least one prenatal and postnatal consultation during their last pregnancy, expressed as a percentage of all currently married women aged 15 to 49 who have given birth in the last three years.

Percentage of ever-married women 15 to 19 years of age

Percentage of women aged 15 to 19 who have been, or are, married, out of the total number of ever-married women.

Share of seats in parliament

Number of seats held by women or men in National and Provincial Assemblies, expressed as a percentage of the total number of seats.

Percentage of the population with primary or higher education

The population aged 10 and older who have completed primary education (Class 5) or higher, expressed as a percentage of the total population aged 10 and older.

Labour force participation rate

The refined labour force participation rate is the population currently active in the labour market, expressed as a percentage of the population aged 10 and older.

MAIN DATA SOURCES

Columns 1-2, 7-8: UNDP calculations based on the Pakistan Social and Living Standard Measurement (PSLM) Surveys for 2005–2006 and 2018–2019.

Columns 3-4, 9-10: The values are taken from the Labour Force Surveys (LFS) for 2006–2007 and 2018–2019.

Columns 5-6: The calculations are based on data from Khan, A., and S. Naqvi. 2018. "Women in Politics: Gaining Ground for Progressive Outcomes in Pakistan." IDS Working Paper 519. Brighton: Institute of Development Studies.

Labour Development Index and its trends at the national and provincial levels, 2012–2013, 2014–2015, and 2017–2018

Regions	Employment-to-Population Ratio Index			Labour Income Index			Skill Premium Index			Human Capital Index			Labour Development Index			Labour Development Status 2017-18
	2012-13	2014-15	2017-18	2012-13	2014-15	2017-18	2012-13	2014-15	2017-18	2012-13	2014-15	2017-18	2012-13	2014-15	2017-18	
Pakistan	0.380	0.376	0.367	0.394	0.427	0.541	0.397	0.443	0.355	0.483	0.508	0.530	0.411	0.436	0.440	Low labour development
Punjab	0.407	0.409	0.404	0.383	0.411	0.547	0.387	0.407	0.329	0.451	0.471	0.498	0.406	0.423	0.436	Low labour development
Sindh	0.381	0.358	0.350	0.386	0.402	0.485	0.430	0.600	0.482	0.559	0.599	0.597	0.433	0.477	0.470	Low labour development
Khyber Pakhtunkhwa	0.276	0.275	0.267	0.445	0.473	0.630	0.296	0.279	0.257	0.528	0.555	0.570	0.372	0.376	0.396	Low labour development
Balochistan	0.355	0.372	0.318	0.441	0.623	0.584	0.243	0.304	0.199	0.367	0.438	0.502	0.344	0.419	0.369	Low labour development
Pakistan - Male	0.632	0.623	0.625	0.480	0.514	0.637	0.424	0.482	0.379	0.567	0.599	0.600	0.520	0.551	0.548	Low labour development
Pakistan - Female	0.117	0.122	0.104	0.090	0.125	0.178	0.571	0.454	0.568	0.200	0.219	0.289	0.186	0.197	0.235	Low labour development

DEFINITIONS

Labour Development Index (LDI)

A composite index that measures average achievement in four dimensions of labour development: the employment-to-population ratio, labour income, the skill premium, and human capital. See Technical note 8 of the NHDR 2020 for details on how the LDI is calculated.

Employment-to-population ratio

This is calculated by dividing the number of people employed with the total number of people in the working age population (aged 10 and over).

Share of labour income in GDP

The total labour income as a share of national income accruing to capital and labour.

Skill premium

The ratio between the wages of two most highly-skilled and two the most unskilled or low-skilled categories of workers.

Human capital

This is measured by multiplying years of schooling with the percentage distribution of the civilian labour force aged 10 and over, by their level of education.

MAIN DATA SOURCES

Columns 1-2, 5-8: The values are based on the Labour Force Surveys (LFS) for these years.

Columns 3-4: Labour income values are based on the LFS for these years. GRPs are based on the data set from Pasha (2019). See Technical note 3 of the NHDR 2020 for details.

Labour Development Index (including decent work) and its trends at the national and provincial levels, 2012–2013, 2014–2015, and 2017–2018

Regions	Employment-to-Population Ratio Index			Labor Income Index			Skill Premium Index			Human Capital Index			Incidence of Decent Work Index			Labour Development Index (including decent work)			Labour Development Status 2017-18
	2012-13	2014-15	2017-18	2012-13	2014-15	2017-18	2012-13	2014-15	2017-18	2012-13	2014-15	2017-18	2012-13	2014-15	2017-18	2012-13	2014-15	2017-18	
Pakistan	0.380	0.376	0.367	0.394	0.427	0.541	0.397	0.443	0.355	0.483	0.508	0.530	0.407	0.423	0.450	0.411	0.433	0.442	Low labour development
Punjab	0.407	0.409	0.404	0.383	0.411	0.547	0.387	0.407	0.329	0.451	0.471	0.498	0.366	0.453	0.417	0.398	0.429	0.432	Low labour development
Sindh	0.381	0.358	0.350	0.386	0.402	0.485	0.430	0.600	0.482	0.559	0.599	0.597	0.483	0.462	0.509	0.443	0.474	0.478	Low labour development
Khyber Pakhtunkhwa	0.276	0.275	0.267	0.445	0.473	0.630	0.296	0.279	0.257	0.528	0.555	0.570	0.492	0.509	0.536	0.394	0.400	0.421	Low labour development
Balochistan	0.355	0.372	0.318	0.441	0.623	0.584	0.243	0.304	0.199	0.367	0.438	0.502	0.538	0.538	0.592	0.376	0.441	0.405	Low labour development
Pakistan - Male	0.632	0.623	0.625	0.480	0.514	0.637	0.424	0.482	0.379	0.567	0.599	0.600	0.434	0.447	0.472	0.501	0.529	0.532	Low labour development
Pakistan - Female	0.117	0.122	0.104	0.090	0.125	0.178	0.571	0.454	0.568	0.200	0.219	0.289	0.223	0.243	0.278	0.193	0.206	0.243	Low labour development

DEFINITIONS

Labour Development Index (LDI) (including decent work)

A composite index that measures average achievement in five dimensions of labour development: the employment-to-population ratio, labour income, the skill premium, human capital, and the incidence of decent work. See Technical note 8 of the NHDR 2020 for details on how the LDI is calculated.

Employment-to-population ratio

This is calculated by dividing the number of people employed with the total number of people in the working age population (aged 10 and over).

Share of labour income in GDP

The total labour income as a share of national income accruing to capital and labour.

Skill premium

The ratio between the wages of two most highly-skilled and two the most unskilled or low-skilled categories of workers.

Human capital

This is measured by multiplying years of schooling with the percentage distribution of the civilian labour force aged 10 and over, by their level of education.

Incidence of decent work

This is measured using five indicators: decent wages (the percentage of the labour force that earns more than the minimum wage), decent hours of work (above 10 hours and below 48 hours per week), employment in the formal sector, the percentage of employed workers who are paid, and the gender wage ratio.

MAIN DATA SOURCES

Columns 1-2, 5-10: The values are based on the Labour Force Surveys (LFS) for these years.

Columns 3-4: Labour income values are based on the LFS for these years. GRPs are based on the data set from Pasha (2019). See Technical note 3 of the NHDR 2020 for details.

Regions	Employment-to-population ratio			Share of labour income in GDP			Skill premium			Human capital			Incidence of decent work		
	2012-13	2014-15	2017-18	2012-13	2014-15	2017-18	2012-13	2014-15	2017-18	2012-13	2014-15	2017-18	2012-13	2014-15	2017-18
Pakistan	0.428	0.425	0.417	0.32	0.34	0.42	2.81	3.03	2.61	5.58	5.79	5.97	16.85	17.27	18.00
Punjab	0.452	0.454	0.450	0.31	0.33	0.42	2.76	2.86	2.49	5.32	5.48	5.70	15.75	18.07	17.11
Sindh	0.429	0.410	0.402	0.32	0.33	0.38	2.97	3.77	3.21	6.20	6.54	6.51	18.87	18.32	19.58
Khyber Pakhtunkhwa	0.337	0.335	0.329	0.35	0.37	0.48	2.34	2.25	2.15	5.95	6.17	6.30	19.12	19.58	20.30
Balochistan	0.407	0.422	0.374	0.35	0.47	0.45	2.09	2.37	1.87	4.63	5.22	5.74	20.35	20.34	21.81
Pakistan - Male	0.652	0.644	0.645	0.38	0.40	0.48	2.94	3.21	2.72	6.27	6.53	6.54	17.56	17.93	18.60
Pakistan - Female	0.196	0.200	0.184	0.12	0.14	0.18	3.63	3.08	3.62	3.27	3.42	4.00	11.92	12.47	13.40

DEFINITIONS

Employment-to-population ratio

This is calculated by dividing the number of people employed with the total number of people in the working age population (aged 10 and over).

Share of labour income in GDP

The total labour income as a share of national income accruing to capital and labour.

Skill premium

The ratio between the wages of two most highly-skilled and two the most unskilled or low-skilled categories of workers.

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MAIN DATA SOURCES

Columns 1-2, 5-10: The values are based on the Labour Force Surveys (LFS) for these years.

Columns 3-4: Labour income values are based on the LFS for these years. GRPs are based on the data set from Pasha (2019). See Technical note 3 of the NHDR 2020 for details.