

Presentation of Labour Statistics based on revised Concepts
and Methodology for Computing Labour Statistics in Nigeria, by
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1. Introduction

Production of Employment Statistics in Nigeria started more than five decades ago by Federal Office of Statistics (FOS) in collaboration with three other government agencies namely National Manpower Board (NMB), Federal Ministry of Employment, Labour and Productivity (FMLP) and National Directorate of Employment (NDE). The collaborative efforts produced the first series of labour statistics in 1966, 1976 and 1981.

FOS started to conduct the annual LFS alone in 1983, with the inception of National Integrated Survey of Households (NISH), which was the Nigerian version of a world-wide National Household Survey Capability Programme (NHSCP). And consequent on the needs of the users, the office ran the labour force as biannual survey in 1985; quarterly surveys from 1986 to 1993. And from year 2000 to 2013 the unemployment statistics were produced annually.

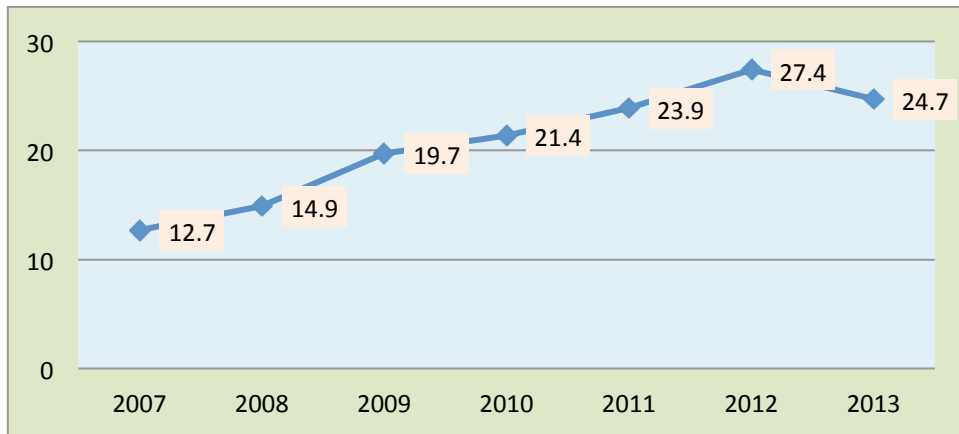
Since the first quarter of 2014, in its effort to produce statistics for the estimation of number of jobs created quarterly, the National Bureau of Statistics has been implementing Labour Force Survey on quarterly basis.

2. Justification for the Review of Methodology

Efforts have been made in the past to review the standards on labour statistics. In particular, following the recommendation by the International Labour Organization (ILO) mission to Nigeria in 1996, and consultation with major stakeholders in employment statistics, the necessity for a national workshop to harmonise the concept, definition and methodology of employment statistics in Nigeria was endorsed and organised in 1997. One of the major outcomes of the workshop then was the upward review of the number of hours of work to 40 hours within seven days reference period.

In the recent times, unemployment rates have been heavily criticized in various quarters, either for been too high or too low. Governments at various levels considered the rates as too high, judging by the adoption and implementation various “*pro-poor*” policies while, on the other hand, the vulnerable or those affected by unemployment situation, regarded the rates as rather too low, judging by number of persons in their domains considered to be “*unemployed*”.

Figure 1: National Unemployment Rates (2007-2013)



Disagreement with these rates was assumed to have been caused by lack of understanding or disregard for the definitions, concept and methodology used in the computations. This, again lead to the inauguration of the national stakeholders committee which, studied and reviewed the definition, concept and methodology used by the National Bureau of Statistics, at a workshop setting in September, 2014.

3. Recommendations of the Committee

The outcome of the workshop, as contained in the communiqué, was the recommendation to review the number of hours of work downwards to include those that have worked for 20 hours or more.

The recommendation by the committee can be summarized by the following bullet points:

- a. Reclassification of the Labour Force Population
- b. Measurement of Labour Underutilization
- c. Sample design to enhance more levels of analysis
- d. Data collection and processing system to enhance better data quality

4. Action by NBS

With the availability of the dataset, the first two points have been addressed and the labour statistics have therefore been reproduced; unemployment rates for past five years have been recalculated for the purpose of trend analysis. Comparative analysis could also be made on the trend of labour statistics, using the old and the revised computational methodology. The tables below present the old and the revised labour statistics.

Figure 2: Trend of National Unemployment Rates (2010-2014)

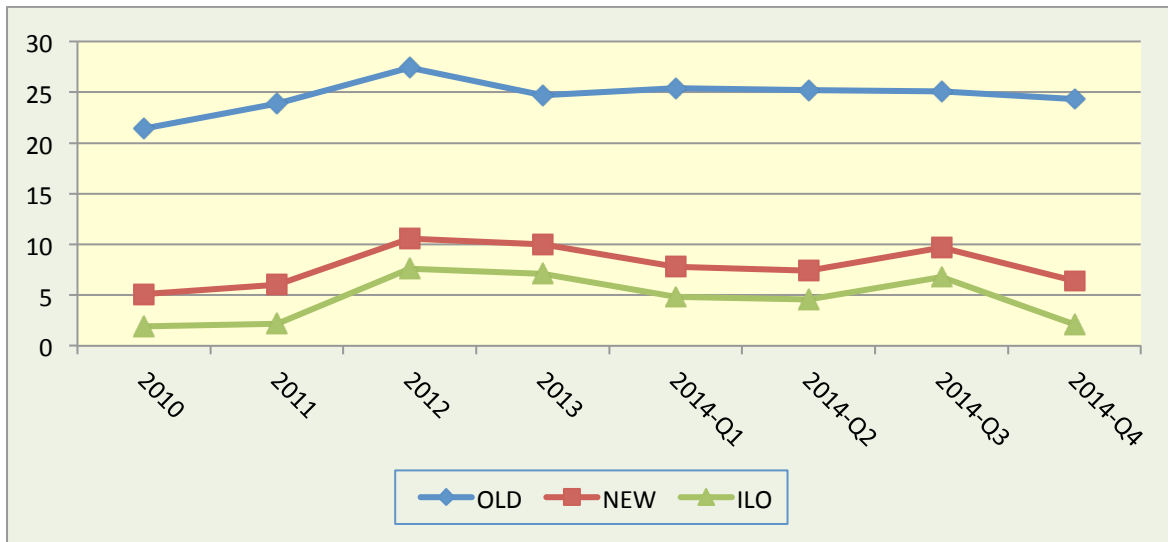


Figure 3: National Unemployment and Underemployment Rates (2010-2014)

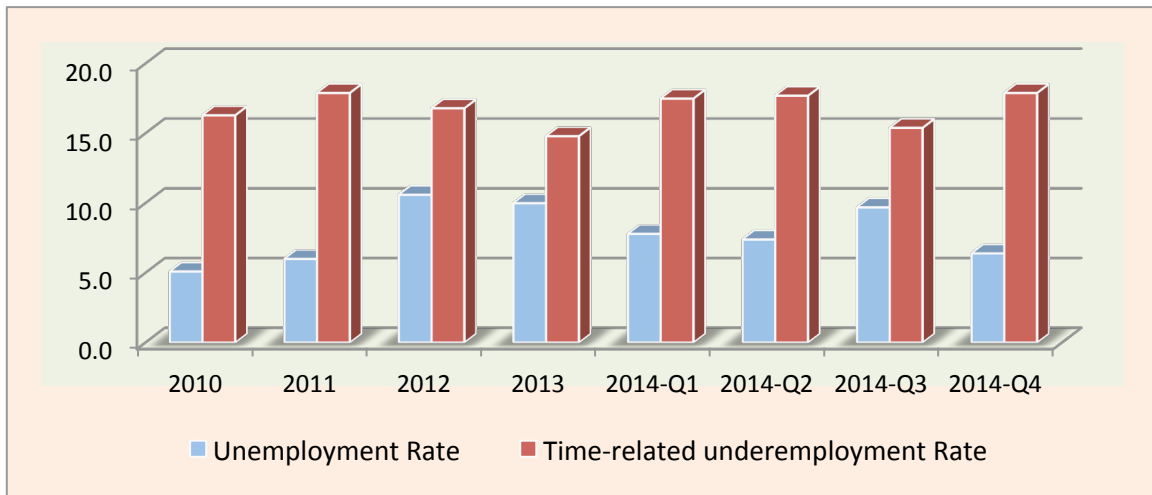
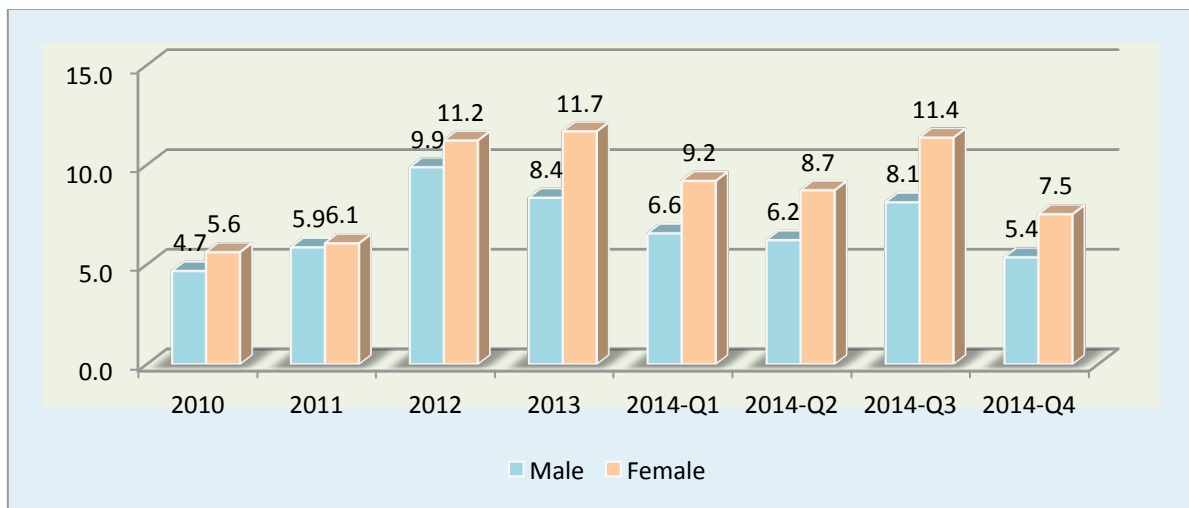












Figure 4: National Unemployment Rates by Sex (2010-2014)



Top Ten Countries with the Highest Population and Labour Force

Rank	Country	Labour Force (2013)	Population Est (2015)
1	 China (1, 1)	797,600,000	1,361,512,535
2	 India (2, 2)	487,300,000	1,251,695,584
3	 United States (3,3)	155,400,000	321,362,789
4	 Indonesia (4, 4)	120,000,000	255,993,674
5	 Brazil (5, 5)	107,300,000	204,259,812
6	 Bangladesh (6, 8)	78,620,000	168,957,745
7	 Russia (7, 9)	75,290,000	142,423,773
8	 Nigeria (8,7)	71,105,800	181,562,056
9	 Japan (9, 10)	65,620,000	126,919,659
10	 Pakistan (10, 6)	59,210,000	199,085,847

(LF Rank, Pop Rank)

Population of the TOP Ten Countries	4,213,773,474
Population of the Rest of the World	3,045,976,090
Total World Population	7,259,749,564

Source: Internet World Stats website www.internetworldstats.com:
Updated for April 30, 2015

LABOUR FORCE STATISTICS, 2010

	LABOUR FORCE POPULATION	Work 40 Hrs+	Work 20 -39 Hrs	Work 1 -19 Hrs	Work 0 Hr (Did nothing)	Total Unemployed	UNEMPLOYMENT RATES			Under Employment Rate
		Fully Employed	Under-employed	Unemployed	Unemployed		OLD	NEW	ILO	
All Groups	65,170,629	51,206,304	10,645,900	2,048,949	1,269,476	3,318,425	21.4	5.1	1.9	16.3
Educational Group										
Never Attended	19,386,385	15,914,245	2,647,035	509,458	315,647	825,105	17.9	4.3	1.6	13.7
Below primary	1,876,619	1,432,897	338,278	65,106	40,338	105,444	23.6	5.6	2.1	18.0
Primary	15,682,209	12,266,593	2,603,943	501,164	310,508	811,673	21.8	5.2	2.0	16.6
Secondary	20,736,400	15,810,304	3,755,479	722,793	447,824	1,170,617	23.8	5.6	2.2	18.1
Post-Secondary	7,489,017	5,831,712	1,263,470	243,172	150,663	393,835	22.1	5.3	2.0	16.9
Age group										
15-24	9,732,151	5,558,042	3,182,191	612,456	379,462	991,918	42.9	10.2	3.9	32.7
25-34	17,603,003	13,924,275	2,804,530	539,770	334,428	874,198	20.9	5.0	1.9	15.9
35-44	17,034,711	14,681,900	1,793,698	345,222	213,891	559,112	13.8	3.3	1.3	10.5
45-54	12,920,807	10,297,344	2,000,034	384,934	238,495	623,429	20.3	4.8	1.8	15.5
55-64	7,879,958	6,744,744	865,447	166,567	103,201	269,768	14.4	3.4	1.3	11.0
Gender										
Male	36,895,834	29,629,443	5,539,636	1,066,178	660,577	1,726,755	19.7	4.7	1.8	15.0
Female	28,274,796	21,576,862	5,106,265	982,770	608,899	1,591,669	23.7	5.6	2.2	18.1
Place of Residence										
Urban	22,959,244	17,719,194	4,062,087	1,177,963	916,143	1,177,963	22.8	5.1	4.0	17.7
Rural	42,211,385	33,487,111	6,965,461	1,405,481	353,333	1,758,814	20.7	4.2	0.8	16.5

LABOUR FORCE STATISTICS, 2011

	LABOUR FORCE POPULATION	Work 40 Hrs+	Work 20 -39 Hrs	Work 1 -19 Hrs	Work 0 Hr (Did nothing)	Total Unemployed	UNEMPLOYMENT RATES			Under Employment Rate
		Fully Employed	Under-employed	Unemployed	Unemployed		OLD	NEW	ILO	
All Groups	67,256,090	51,208,594	12,041,275	2,547,366	1,458,854	4,006,220	23.9	6.0	2.2	17.9
Educational Group										
Never Attended	20,006,749	14,624,198	4,038,684	854,548	489,320	1,343,868	26.9	6.7	2.4	20.2
Below primary										
Primary	16,775,319	13,176,967	2,700,074	571,157	327,121	898,278	21.5	5.4	2.0	16.1
Secondary	21,399,965	15,702,039	4,275,519	904,417	517,990	1,422,407	26.6	6.6	2.4	20.0
Post-Secondary	7,728,665	6,359,999	1,026,998	217,245	124,423	341,668	17.7	4.4	1.6	13.3
Age group										
15-24	10,043,580	4,296,378	4,312,426	912,306	522,469	1,434,776	57.2	14.3	5.2	42.9
25-34	18,166,299	14,830,301	2,503,173	529,554	303,271	832,824	18.4	4.6	1.7	13.8
35-44	17,579,822	15,091,347	1,867,233	395,019	226,224	621,242	14.2	3.5	1.3	10.6
45-54	13,334,273	10,241,304	2,320,816	490,975	281,177	772,153	23.2	5.8	2.1	17.4
55-64	8,132,117	6,749,264	1,037,627	219,513	125,713	345,226	17.0	4.2	1.5	12.8
Gender										
Male	38,076,500	29,128,730	6,714,086	1,420,256	813,428	2,233,685	23.5	5.9	2.1	17.6
Female	29,179,589	22,079,865	5,327,189	1,127,110	645,425	1,772,535	24.3	6.1	2.2	18.3
Place of Residence										
Urban	23,693,940	19,420,663	3,206,514	678,286	388,477	1,066,763	18.0	4.5	1.6	13.5
Rural	43,562,149	31,787,932	8,834,761	1,869,080	1,070,377	2,939,457	27.0	6.7	2.5	20.3

LABOUR FORCE STATISTICS, 2012

	LABOUR FORCE POPULATION	Work 40 Hrs+	Work 20 -39 Hrs	Work 1 -19 Hrs	Work 0 Hr (Did nothing)	Total Unemployed	UNEMPLOYMENT RATES			Under Employment Rate
		Fully Employed	Under-employed	Unemployed	Unemployed		OLD	NEW	ILO	
All Groups	69,105,775	50,198,596	11,605,546	2,062,510	5,239,124	7,301,634	27.4	10.6	7.6	16.8
Educational Group										
Never Attended	22,336,938	16,120,669	3,681,336	654,238	1,880,695	2,534,933	27.8	11.3	8.4	16.5
Below primary	135,015	108,947	16,711	2,970	6,386	9,356	19.3	6.9	4.7	12.4
Primary	11,205,635	8,943,566	1,413,673	251,235	597,161	848,396	20.2	7.6	5.3	12.6
Secondary	26,161,628	18,895,362	4,435,180	788,209	2,042,877	2,831,086	27.8	10.8	7.8	17.0
Post-Secondary	9,266,560	6,130,051	1,912,601	339,903	884,005	1,223,908	33.8	13.2	9.5	20.6
Age group										
15-24	21,802,192	14,688,924	4,175,465	742,054	2,195,750	2,937,803	32.6	13.5	10.1	19.2
25-34	18,112,018	12,568,215	3,498,575	621,758	1,423,470	2,045,228	30.6	11.3	7.9	19.3
35-44	13,863,003	10,858,692	1,884,098	334,837	785,376	1,120,213	21.7	8.1	5.7	13.6
45-54	9,867,764	7,786,414	1,311,623	233,098	536,628	769,727	21.1	7.8	5.4	13.3
55-64	5,460,798	4,296,349	735,785	130,762	297,901	428,663	21.3	7.8	5.5	13.5
Gender										
Male	34,235,952	25,492,324	5,358,057	952,221	2,433,349	3,385,571	25.5	9.9	7.1	15.7
Female	34,869,823	24,706,301	6,247,463	1,110,284	2,805,775	3,916,059	29.1	11.2	8.0	17.9
Place of Residence										
Urban	20,099,975	15,456,880	2,851,253	506,718	1,285,123	1,791,841	23.1	8.9	6.4	14.2
Rural	49,005,801	34,741,715	8,754,293	1,555,792	3,954,001	5,509,793	29.1	11.2	8.1	17.9

LABOUR FORCE STATISTICS, 2013

	LABOUR FORCE POPULATION	Work 40 Hrs+	Work 20 -39 Hrs	Work 1 -19 Hrs	Work 0 Hr (Did nothing)	Total Unemployed	UNEMPLOYMENT RATES			Under Employment Rate
		Fully Employed	Under-employed	Unemployed	Unemployed		OLD	NEW	ILO	
All Groups	71,105,800	53,508,478	10,518,868	2,042,857	5,035,596	7,078,454	24.7	10.0	7.1	14.8
Educational Group										
Never Attended	21,997,231	16,242,204	3,600,076	706,258	1,448,693	2,154,951	26.2	9.8	6.6	16.4
Below primary	121,510	97,576	13,840	2,667	7,428	10,095	19.7	8.3	6.1	11.4
Primary	14,181,832	11,687,676	1,534,178	299,870	660,109	959,978	17.6	6.8	4.7	10.8
Secondary	25,284,745	18,536,002	3,975,842	769,562	2,003,340	2,772,902	26.7	11.0	7.9	15.7
Post-Secondary	9,520,481	6,945,021	1,394,933	264,500	916,027	1,180,527	27.1	12.4	9.6	14.7
Age group										
15-24	13,761,884	7,544,812	3,750,854	729,982	1,736,236	2,466,218	45.2	17.9	12.6	27.3
25-34	20,166,033	14,774,382	3,172,086	613,796	1,605,768	2,219,564	26.7	11.0	8.0	15.7
35-44	17,503,688	14,656,161	1,706,233	331,548	809,747	1,141,295	16.3	6.5	4.6	9.7
45-54	12,533,100	10,605,650	1,158,633	225,305	543,512	768,817	15.4	6.1	4.3	9.2
55-64	7,141,095	5,927,473	731,062	142,228	340,333	482,560	17.0	6.8	4.8	10.2
Gender										
Male	36,960,630	29,295,840	4,577,137	888,720	2,198,932	3,087,653	20.7	8.4	5.9	12.4
Female	34,145,170	24,212,638	5,941,731	1,154,137	2,836,664	3,990,801	29.1	11.7	8.3	17.4
Place of Residence										
Urban	21,219,166	17,061,848	1,879,053	338,066	1,940,199	2,278,265	19.6	10.7	9.1	8.9
Rural	49,886,634	36,446,630	8,639,816	1,704,791	3,095,398	4,800,189	26.9	9.6	6.2	17.3

LABOUR FORCE STATISTICS, 1ST QUARTER 2014

	LABOUR FORCE POPULATION	Work 40 Hrs+	Work 20 -39 Hrs	Work 1 -19 Hrs	Work 0 Hr (Did nothing)	Total Unemployed	UNEMPLOYMENT RATES			Under Employment Rate
		Fully Employed	Under-employed	Unemployed	Unemployed		OLD	NEW	ILO	
All Groups	71,641,171	53,469,769	12,558,583	2,152,277	3,460,542	5,612,819	25.4	7.8	4.8	17.5
Educational Group						0				
Never Attended	22,162,853	16,125,034	4,298,167	744,087	995,565	1,739,652	27.2	7.8	4.5	19.4
Below primary	122,425	97,987	16,524	2,810	5,105	7,915	20.0	6.5	4.2	13.5
Primary	14,288,610	11,687,371	1,831,670	315,931	453,637	769,568	18.2	5.4	3.2	12.8
Secondary	25,475,120	18,540,814	4,746,798	810,781	1,376,727	2,187,508	27.2	8.6	5.4	18.6
Post-Secondary	9,592,163	7,018,562	1,665,425	278,668	629,508	908,176	26.8	9.5	6.6	17.4
Age group										
15-24	13,865,500	7,425,067	4,478,182	769,081	1,193,169	1,962,250	46.4	14.2	8.6	32.3
25-34	20,317,867	14,780,500	3,787,186	646,672	1,103,510	1,750,182	27.3	8.6	5.4	18.6
35-44	17,635,477	14,692,612	2,037,088	349,306	556,471	905,777	16.7	5.1	3.2	11.6
45-54	12,627,464	10,633,278	1,383,304	237,372	373,510	610,883	15.8	4.8	3.0	11.0
55-64	7,194,862	5,938,312	872,823	149,846	233,882	383,728	17.5	5.3	3.3	12.1
Gender										
Male	37,238,915	29,326,761	5,464,691	936,322	1,511,141	2,447,463	21.2	6.6	4.1	14.7
Female	34,402,256	24,143,008	7,093,892	1,215,955	1,949,401	3,165,356	29.8	9.2	5.7	20.6
Place of Residence										
Urban	21,378,929	17,071,605	1,946,854	350,265	2,010,206	2,360,471	20.1	11.0	9.4	9.1
Rural	50,262,242	36,398,164	10,611,729	1,802,012	1,450,336	3,252,348	27.6	6.5	2.9	21.1

LABOUR FORCE STATISTICS, 2ND QUARTER 2014

	LABOUR FORCE POPULATION	Work 40 Hrs+	Work 20 -39 Hrs	Work 1 -19 Hrs	Work 0 Hr (Did nothing)	Total Unemployed	UNEMPLOYMENT RATES			Under Employment Rate
		Fully Employed	Under-employed	Unemployed	Unemployed		OLD	NEW	ILO	
All Groups	72,037,645	53,898,972	12,782,666	2,048,632	3,307,375	5,356,007	25.2	7.4	4.6	17.7
Educational Group										
Never Attended	22,278,506	16,243,892	4,374,859	708,255	951,500	1,659,755	27.1	7.5	4.3	19.6
Below primary	143,103	118,731	16,819	2,675	4,879	7,554	17.0	5.3	3.4	11.8
Primary	14,357,685	11,759,057	1,864,353	300,717	433,559	734,276	18.1	5.1	3.0	13.0
Secondary	25,613,103	18,694,079	4,831,495	771,737	1,315,792	2,087,529	27.0	8.2	5.1	18.9
Post-Secondary	9,645,248	7,083,213	1,695,141	265,248	601,646	866,894	26.6	9.0	6.2	17.6
Age group										
15-24	13,942,234	7,511,744	4,558,087	732,045	1,140,359	1,872,404	46.1	13.4	8.2	32.7
25-34	20,430,309	14,905,351	3,854,760	615,531	1,054,667	1,670,198	27.0	8.2	5.2	18.9
35-44	17,733,075	14,795,313	2,073,436	332,485	531,841	864,326	16.6	4.9	3.0	11.7
45-54	12,697,347	10,706,441	1,407,986	225,941	356,978	582,919	15.7	4.6	2.8	11.1
55-64	7,234,680	5,980,124	888,397	142,630	223,530	366,160	17.3	5.1	3.1	12.3
Gender										
Male	37,445,001	29,547,315	5,562,197	891,232	1,444,257	2,335,489	21.1	6.2	3.9	14.9
Female	34,592,644	24,351,657	7,220,469	1,157,399	1,863,119	3,020,518	29.6	8.7	5.4	20.9
Place of Residence										
Urban	21,502,244	17,266,022	1,981,592	333,397	1,921,233	2,254,630	19.7	10.5	8.9	9.2
Rural	50,535,401	36,632,950	10,801,074	1,715,234	1,386,143	3,101,377	27.5	6.1	2.7	21.4

LABOUR FORCE STATISTICS, 3RD QUARTER 2014

	LABOUR FORCE POPULATION	Work 40 Hrs+	Work 20 -39 Hrs	Work 1 -19 Hrs	Work 0 Hr (Did nothing)	Total Unemployed	UNEMPLOYMENT RATES			Under Employment Rate
		Fully Employed	Under-employed	Unemployed	Unemployed		OLD	NEW	ILO	
All Groups	72,545,834	54,313,400	11,204,493	2,130,727	4,897,214	7,027,941	25.1	9.7	6.8	15.4
Educational Group										
Never Attended	22,429,719	16,462,470	3,834,730	736,637	1,408,881	2,145,518	26.7	9.6	6.3	17.1
Below primary	150,971	99,224	14,742	2,782	7,224	10,006	16.4	6.6	4.8	9.8
Primary	14,464,042	11,880,130	1,634,176	312,768	641,968	954,736	17.9	6.6	4.4	11.3
Secondary	25,790,812	18,810,873	4,234,989	802,663	1,948,287	2,750,950	27.1	10.7	7.6	16.4
Post-Secondary	9,710,290	7,060,703	1,485,856	275,878	890,854	1,166,732	27.3	12.0	9.2	15.3
Age group										
15-24	14,040,589	7,595,349	3,995,336	761,381	1,688,523	2,449,904	45.9	17.4	12.0	28.5
25-34	20,574,435	14,993,753	3,378,844	640,197	1,561,641	2,201,838	27.1	10.7	7.6	16.4
35-44	17,858,173	14,907,424	1,817,446	345,809	787,494	1,133,303	16.5	6.3	4.4	10.2
45-54	12,786,920	10,789,195	1,234,153	234,996	528,576	763,572	15.6	6.0	4.1	9.7
55-64	7,285,717	6,027,678	778,713	148,345	330,980	479,325	17.3	6.6	4.5	10.7
Gender										
Male	37,709,156	29,768,228	4,875,477	926,947	2,138,504	3,065,451	21.1	8.1	5.7	12.9
Female	34,836,678	24,545,172	6,329,016	1,203,780	2,758,710	3,962,490	29.5	11.4	7.9	18.2
Place of Residence										
Urban	21,648,896	16,720,439	1,736,940	346,758	2,844,759	3,191,517	22.8	14.7	13.1	8.0
Rural	50,896,938	37,592,961	9,467,553	1,783,970	2,052,454	3,836,424	26.1	7.5	4.0	18.6

LABOUR FORCE STATISTICS, 4TH QUARTER 2014

	LABOUR FORCE POPULATION	Work 40 Hrs+	Work 20 -39 Hrs	Work 1 -19 Hrs	Work 0 Hr (Did nothing)	Total Unemployed	UNEMPLOYMENT RATES			Under Employment Rate
		Fully Employed	Under-employed	Unemployed	Unemployed		OLD	NEW	ILO	
All Groups	72,931,608	55,206,940	13,052,219	3,145,383	1,527,067	4,672,450	24.3	6.4	2.1	17.9
Educational Group										
Never Attended	22,547,061	16,568,201	4,467,113	1,087,424	439,322	1,526,746	26.6	6.8	1.9	19.8
Below primary	155,631	101,098	17,173	4,107	2,253	6,360	15.1	4.1	1.4	11.0
Primary	14,545,984	11,980,427	1,903,667	461,709	200,181	661,890	17.6	4.6	1.4	13.1
Secondary	25,928,991	19,208,198	4,933,379	1,184,892	607,522	1,792,414	25.9	6.9	2.3	19.0
Post-Secondary	9,753,942	7,349,015	1,730,887	407,251	277,789	685,040	24.8	7.0	2.8	17.7
Age group										
15-24	14,115,252	7,810,575	4,654,205	1,123,951	526,521	1,650,472	44.7	11.7	3.7	33.0
25-34	20,683,843	15,315,779	3,936,047	945,060	486,956	1,432,016	26.0	6.9	2.4	19.0
35-44	17,953,137	15,079,934	2,117,160	510,483	245,559	756,042	16.0	4.2	1.4	11.8
45-54	12,854,917	10,905,516	1,437,677	346,901	164,822	511,723	15.2	4.0	1.3	11.2
55-64	7,324,460	6,095,134	907,131	218,988	103,207	322,195	16.8	4.4	1.4	12.4
Gender										
Male	37,909,681	30,194,995	5,679,490	1,368,360	666,836	2,035,196	20.4	5.4	1.8	15.0
Female	35,021,927	25,011,944	7,372,730	1,777,022	860,231	2,637,253	28.6	7.5	2.5	21.1
Place of Residence										
Urban	21,764,018	18,341,692	2,023,378	511,884	887,063	1,398,947	15.7	6.4	4.1	9.3
Rural	51,167,591	36,865,247	11,028,841	2,633,499	640,004	3,273,503	28.0	6.4	1.3	21.6