

TABLE 2 - Labor Productivity by Region and Sector, Philippines: 2009-2017
(At Current Prices)

REGION AND SECTOR	Labor Productivity (P)									Growth Rates (%)							
	2009	2010	2011	2012	2013	2014	2015	2016 ^r	2017	2010	2011	2012	2013	2014	2015	2016 ^r	2017
Philippines	228,919	249,854	261,033	280,880	302,702	326,879	343,874	353,187	391,887	9.1	4.5	7.6	7.8	5.9	4.9	3.8	11.0
Agriculture, forestry and fishing	87,170	92,733	100,678	103,346	109,705	121,310	121,026	126,361	148,782	6.4	8.6	2.7	6.2	8.7	0.4	1.3	17.7
Industry	499,824	543,115	550,323	574,604	604,727	641,932	655,940	621,890	653,107	8.7	1.3	4.4	5.2	5.0	1.0	(3.8)	5.0
Services	247,220	265,629	279,985	304,158	326,851	350,230	370,260	378,914	416,963	7.4	5.4	8.6	7.5	4.8	5.3	5.6	10.0
National Capital Region	689,760	737,768	775,588	851,486	933,712	984,714	1,061,363	1,054,846	1,170,249	7.0	5.1	9.8	9.6	5.1	7.2	*	10.9
Agriculture, forestry and fishing	512,406	357,880	321,387	255,581	266,586	301,454	429,595	441,750	430,764	(30.2)	(10.2)	(20.5)	4.8	17.0	48.2	(4.3)	(2.5)
Industry	658,317	708,872	687,725	758,746	902,023	938,839	980,415	912,000	928,824	7.7	(3.0)	10.3	18.4	2.8	3.4	(7.5)	1.8
Services	699,013	747,007	800,654	878,880	946,658	1,000,809	1,084,889	1,092,722	1,234,855	6.9	7.2	9.8	7.7	5.6	7.9	1.7	13.0
Cordillera Administrative Region	265,368	280,769	287,008	280,801	296,325	307,440	309,069	317,475	365,460	5.8	2.2	(2.2)	5.6	4.3	0.1	2.3	15.1
Agriculture, forestry and fishing	57,940	48,731	58,112	62,191	67,770	68,606	63,016	69,346	74,660	(15.9)	19.3	7.0	9.5	2.4	(9.1)	10.7	7.7
Industry	1,485,530	1,455,818	1,342,151	1,202,911	1,158,771	1,377,220	1,265,773	1,036,229	1,288,413	(2.0)	(7.8)	(10.4)	(3.7)	18.9	(7.1)	(22.8)	24.3
Services	246,462	267,184	262,895	258,017	285,131	304,241	321,259	331,329	352,010	8.4	(1.6)	(1.9)	10.5	6.7	5.6	3.9	6.2
Region I	133,568	145,722	151,017	170,552	183,398	195,497	203,127	226,551	261,581	9.1	3.6	12.9	7.5	6.1	3.7	10.7	15.5
Agriculture, forestry and fishing	92,580	100,300	106,785	118,216	132,874	144,510	143,641	151,238	189,220	8.3	6.5	10.7	12.5	9.1	(0.9)	0.7	25.1
Industry	267,313	305,047	326,196	329,817	344,688	362,115	381,330	407,259	433,284	14.1	6.9	1.1	4.3	5.4	7.2	4.5	6.4
Services	128,858	138,685	143,018	165,845	171,498	182,095	191,231	214,859	243,373	7.6	3.1	16.0	3.4	4.9	4.3	14.1	13.3
Region II	105,157	106,908	113,413	127,486	140,681	161,051	156,635	169,636	193,224	1.7	6.1	12.4	11.9	15.9	(2.8)	6.0	13.9
Agriculture, forestry and fishing	77,837	72,995	83,324	93,405	97,077	122,417	106,957	116,022	147,796	(6.2)	14.2	12.1	7.7	28.3	(12.7)	3.5	27.4
Industry	178,859	194,650	166,922	190,298	279,047	273,724	277,235	265,462	267,342	8.8	(14.2)	14.0	46.6	(1.9)	2.9	(8.4)	0.7
Services	138,102	143,844	152,333	171,860	182,823	194,091	202,039	214,794	219,898	4.2	5.9	12.8	6.4	6.6	3.9	8.2	2.4
Region III	195,367	214,075	231,237	246,790	254,945	279,710	287,762	297,525	343,685	9.6	8.0	6.7	3.3	10.3	2.0	3.1	15.5
Agriculture, forestry and fishing	171,995	180,302	181,565	196,568	208,869	249,628	251,928	288,002	362,336	4.8	0.7	8.3	6.4	20.6	0.7	13.3	25.8
Industry	382,277	447,120	512,174	533,818	506,924	580,662	597,962	583,177	623,048	17.0	14.5	4.2	(5.1)	15.8	3.0	(7.6)	6.8
Services	144,263	150,550	159,466	171,171	185,448	188,232	195,590	196,242	224,252	4.4	5.9	7.3	8.4	1.6	2.7	2.1	14.3

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	2009	2010	2011	2012	2013	2014	2015	2016 ^r	2017	2010	2011	2012	2013	2014	2015	2016 ^r	2017
Region IVA	314,196	347,542	351,495	372,242	387,184	395,177	405,024	376,811	399,372	10.6	1.1	5.9	3.9	2.5	2.0	(6.5)	6.0
Agriculture, forestry and fishing	120,029	136,999	151,966	144,994	165,198	164,468	182,183	225,759	252,988	14.1	10.9	(4.6)	13.8	0.8	12.3	19.4	12.1
Industry	799,418	870,104	872,663	909,182	900,031	919,523	915,513	789,390	882,073	8.8	0.3	4.2	(1.1)	3.5	(2.2)	(13.7)	11.7
Services	172,309	182,215	187,282	202,509	216,789	220,984	232,629	219,015	225,587	5.7	2.8	8.1	7.1	1.8	5.0	(4.3)	3.0
Region IVB	130,038	132,135	137,458	148,804	152,626	165,851	158,062	168,122	189,630	1.6	4.0	8.3	2.5	8.1	(4.7)	7.0	12.8
Agriculture, forestry and fishing	68,365	63,371	68,262	79,554	82,317	94,215	94,993	98,179	119,321	(7.3)	7.7	16.5	3.4	13.3	3.5	(4.8)	21.5
Industry	488,268	476,362	503,855	498,946	436,965	478,863	384,056	343,876	374,266	(2.4)	5.8	(1.0)	(12.4)	11.9	(23.2)	(0.9)	8.8
Services	116,839	127,197	131,334	144,684	155,541	153,999	159,797	183,970	191,751	8.9	3.3	10.2	7.5	(1.6)	2.3	23.4	4.2
Region V	84,257	89,699	95,228	97,945	106,417	114,577	119,157	131,506	144,019	6.5	6.2	2.9	8.6	8.2	2.8	10.9	9.5
Agriculture, forestry and fishing	53,847	57,055	61,918	64,381	72,069	82,127	74,346	80,418	105,025	6.0	8.5	4.0	12.0	14.5	(10.0)	7.0	30.6
Industry	140,351	159,492	156,103	157,042	161,981	162,171	185,669	198,242	187,331	13.6	(2.1)	0.6	3.0	*	9.3	6.6	(5.5)
Services	98,411	99,702	107,477	108,452	117,276	125,370	132,484	147,865	151,877	1.3	7.8	0.9	8.1	7.6	5.2	13.8	2.7
Region VI	114,250	117,738	126,235	142,626	152,729	157,910	172,067	185,869	210,966	3.1	7.2	13.0	7.1	2.1	8.3	6.5	13.5
Agriculture, forestry and fishing	83,952	80,455	89,811	101,844	107,253	104,441	105,406	111,550	132,972	(4.2)	11.6	13.4	5.3	(3.6)	0.8	(0.2)	19.2
Industry	180,844	187,648	200,143	230,410	248,654	259,576	334,307	342,794	361,514	3.8	6.7	15.1	7.9	4.4	26.4	(0.7)	5.5
Services	124,449	131,177	139,448	153,987	164,208	174,052	182,970	195,642	219,204	5.4	6.3	10.4	6.6	4.2	4.4	9.1	12.0
Region VII	173,678	191,726	203,621	229,747	249,267	264,111	269,724	298,388	320,297	10.4	6.2	12.8	8.4	6.6	2.2	8.6	7.3
Agriculture, forestry and fishing	51,413	52,528	55,228	62,745	60,818	62,467	65,138	63,514	73,390	2.2	5.1	13.6	(3.7)	6.2	5.2	(10.2)	15.5
Industry	325,278	378,869	385,426	421,822	470,036	498,779	485,656	557,697	550,347	16.5	1.7	9.4	11.4	6.5	(3.1)	15.4	(1.3)
Services	198,486	210,376	228,590	255,148	277,831	289,408	299,860	333,514	365,415	6.0	8.7	11.6	8.9	3.2	3.5	12.2	9.6
Region VIII	131,412	136,283	139,906	130,479	136,627	247,549	268,956	174,157	180,520	3.7	2.7	(6.7)	4.7	5.2	8.5	11.5	3.7
Agriculture, forestry and fishing	64,582	65,342	71,948	67,438	63,907	108,415	117,409	79,155	87,365	1.2	10.1	(6.3)	(5.2)	11.8	8.3	(0.2)	10.4
Industry	609,695	631,926	628,133	504,236	549,797	906,329	874,386	528,588	498,212	3.6	(0.6)	(19.7)	8.9	(14.5)	(5.8)	26.9	(5.7)
Services	91,628	99,795	103,546	111,497	114,594	239,957	254,137	148,008	154,916	8.9	3.8	7.7	2.8	9.1	6.1	8.5	4.7

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	2009	2010	2011	2012	2013	2014	2015	2016 ^r	2017	2010	2011	2012	2013	2014	2015	2016 ^r	2017
Region IX	125,411	132,694	138,587	160,445	168,859	183,501	200,295	191,627	217,461	5.8	4.4	15.8	5.2	8.7	9.6	(5.7)	13.5
Agriculture, forestry and fishing	75,376	79,774	89,432	93,363	94,866	100,519	98,940	87,130	106,914	5.8	12.1	4.4	1.5	6.3	(0.9)	(18.5)	22.7
Industry	383,664	368,214	338,451	446,987	456,890	527,967	618,010	606,890	599,159	(4.0)	(8.1)	32.1	2.1	17.0	14.8	7.7	(1.3)
Services	127,757	141,241	145,172	163,294	176,107	181,954	196,526	191,702	218,782	10.6	2.8	12.5	7.9	2.8	8.5	0.3	14.1
Region X	165,067	185,374	197,618	208,438	225,642	240,957	260,256	287,834	318,655	12.3	6.6	5.5	8.3	6.8	8.9	7.3	10.7
Agriculture, forestry and fishing	108,906	124,083	138,686	131,259	145,013	144,435	166,857	192,251	205,665	13.9	11.8	(5.4)	10.8	0.1	20.3	3.2	7.0
Industry	497,280	532,754	562,149	577,527	600,774	625,755	663,067	684,442	681,767	7.1	5.5	2.7	4.0	4.6	5.5	4.6	(0.4)
Services	145,155	162,012	170,110	190,566	200,128	225,746	229,157	248,010	290,980	11.6	5.0	12.0	5.0	12.4	0.3	9.9	17.3
Region XI	197,263	217,651	222,861	224,819	248,186	266,550	293,613	318,078	355,169	10.3	2.4	0.9	10.5	7.3	10.5	7.2	11.7
Agriculture, forestry and fishing	116,102	133,247	141,276	134,754	135,020	149,108	167,282	163,914	180,621	14.8	6.0	(4.6)	0.6	10.3	13.4	(6.6)	10.2
Industry	464,095	475,303	462,628	437,566	520,153	565,004	621,831	678,545	804,435	2.4	(2.7)	(5.4)	18.9	9.1	10.1	2.8	18.6
Services	194,815	214,478	228,489	237,042	259,835	269,922	285,697	316,749	333,476	10.1	6.5	3.7	9.6	3.7	5.6	14.2	5.3
Region XII	136,092	153,563	162,317	170,365	189,546	202,335	202,711	208,418	231,237	12.8	5.7	5.0	11.3	6.9	0.7	(0.1)	10.9
Agriculture, forestry and fishing	92,299	115,702	128,415	120,270	130,014	140,505	128,934	130,544	141,143	25.4	11.0	(6.3)	8.2	8.6	(8.0)	(2.3)	8.1
Industry	475,581	450,338	492,473	564,103	666,823	664,973	647,604	599,303	649,179	(5.3)	9.4	14.5	18.2	(1.0)	(3.2)	(3.4)	8.3
Services	121,014	132,432	133,083	148,950	165,048	173,093	182,492	181,696	208,155	9.4	0.5	11.9	10.8	4.7	6.4	(4.5)	14.6
Caraga	89,273	99,933	107,839	120,063	123,343	138,956	145,639	154,060	166,453	11.9	7.9	11.3	2.8	14.9	4.6	5.8	8.0
Agriculture, forestry and fishing	66,766	67,276	72,286	78,345	80,862	93,743	85,310	87,783	92,439	0.8	7.4	8.4	3.1	19.8	(9.0)	(1.2)	5.3
Industry	139,701	171,861	174,919	208,006	203,546	232,003	245,876	268,785	279,507	23.0	1.8	18.9	(1.9)	15.9	4.3	17.0	4.0
Services	94,667	104,259	114,643	122,541	128,378	139,829	153,860	167,955	186,730	10.1	10.0	6.9	4.8	10.2	10.2	10.0	11.2
Autonomous Region in Muslim Mindanao	61,941	73,285	76,925	75,816	82,798	80,954	79,091	92,322	115,721	18.3	5.0	(1.4)	6.6	(2.2)	(1.4)	10.0	25.3
Agriculture, forestry and fishing	56,548	69,461	73,518	70,931	79,690	74,462	69,042	84,924	110,264	22.8	5.8	(3.5)	8.2	(6.1)	(6.6)	15.5	29.8
Industry	98,313	142,667	139,379	131,147	130,429	203,784	128,008	103,430	126,540	45.1	(2.3)	(5.9)	(0.7)	38.4	(38.8)	(19.0)	22.3
Services	72,852	77,987	79,547	82,740	85,463	85,932	98,963	106,446	125,284	7.0	2.0	4.0	3.3	0.5	17.2	1.8	17.7

Notes:

1. GRDP data based on updated 1993/2008 SNA available starting 2009.
2. Regional labor productivity is defined as GRDP per employed person in the region.
3. Labor productivity data for 2014 were computed using the average of April, July and October employment data which excluded Leyte province.
For comparability, the 2014 growth rates were computed using the 2013 labor productivity data whose employment data was the average of April, July and October which excluded Leyte province.
4. Labor productivity data for 2015 were computed based on the annualized LFS data using the average of January, April, July and October employment data which excluded Leyte province.
The use of the annualized LFS data using the four survey rounds was based on the result of the referendum among members of the Inter-Agency Committee on Labor and Productivity Statistics.
For comparability, the 2015 growth rates were computed using the average of the 2015 April, July and October employment data which excluded Leyte province.
5. Starting April 2016 round, the LFS adopted the 2013 Master Sample and population projections based on the 2010 Census of Population.
Previous survey rounds adopted the 2003 Master Sample and population projections based on the 2000 CPH.
6. Labor productivity data for 2016 were computed using the average of the four survey rounds employment data with the January 2016 data based on the 2010 Census-based population projections.
7. For comparability, the 2016 growth rates were computed using the average of July and October employment data for 2015 and 2016.

* Less than 0.05 percent.

^r Revised figures.

Sources of basic data: Philippine Statistics Authority, National Accounts of the Philippines and Labor Force Survey.