

TABLE 3 - Labor Productivity by Region and Sector, Philippines: 2009-2017
(At Constant 2000 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	151,086	158,222	158,911	167,692	177,098	185,389	196,179	198,125	214,849	4.7	0.4	5.5	5.6	2.7	5.6	2.1	8.4
Agriculture, forestry and fishing	55,110	55,425	55,420	57,800	59,734	60,910	63,728	64,256	72,023	0.6	*	4.3	3.3	0.3	5.2	(2.2)	12.1
Industry	327,298	344,418	342,486	353,725	373,769	387,752	405,643	384,137	399,878	5.2	(0.6)	3.3	5.7	2.6	3.4	(3.9)	4.1
Services	165,526	170,183	172,033	180,875	187,988	196,075	204,753	204,689	219,336	2.8	1.1	5.1	3.9	2.0	4.0	3.1	7.2
National Capital Region	456,059	466,296	471,178	501,123	533,554	547,555	583,029	568,092	614,293	2.2	1.0	6.4	6.5	2.3	5.9	(1.9)	8.1
Agriculture, forestry and fishing	350,031	221,040	183,968	162,129	163,931	159,766	198,213	211,352	204,630	(36.9)	(16.8)	(11.9)	1.1	0.8	29.0	(0.8)	(3.2)
Industry	442,791	454,511	431,203	458,323	542,584	553,124	574,890	540,695	549,976	2.6	(5.1)	6.3	18.4	0.7	2.9	(6.5)	1.7
Services	460,215	470,613	483,313	514,316	534,468	549,411	587,581	576,693	632,854	2.3	2.7	6.4	3.9	2.7	6.4	(0.9)	9.7
Cordillera Administrative Region	166,116	169,924	166,767	162,642	169,533	171,128	176,348	178,920	205,921	2.3	(1.9)	(2.5)	4.2	1.5	2.6	1.1	15.1
Agriculture, forestry and fishing	36,112	34,781	35,773	37,265	38,066	35,580	34,681	36,077	40,312	(3.7)	2.9	4.2	2.1	(5.5)	(3.6)	4.6	11.7
Industry	887,333	823,987	739,977	679,400	663,073	777,930	751,310	618,588	769,233	(7.1)	(10.2)	(8.2)	(2.4)	17.3	(2.3)	(22.4)	24.4
Services	165,891	171,161	162,487	153,359	163,935	169,398	176,223	178,143	186,235	3.2	(5.1)	(5.6)	6.9	3.3	4.0	1.8	4.5
Region I	89,971	93,713	93,018	103,184	108,022	111,819	117,765	129,415	146,061	4.2	(0.7)	10.9	4.7	3.0	5.1	9.1	12.9
Agriculture, forestry and fishing	58,672	62,718	63,483	71,206	78,277	80,347	82,683	86,575	103,015	6.9	1.2	12.2	9.9	3.0	2.6	0.2	19.0
Industry	173,699	189,564	196,967	191,346	194,233	201,510	220,453	230,171	240,506	9.1	3.9	(2.9)	1.5	4.1	11.4	2.2	4.5
Services	91,717	92,529	90,861	102,758	103,394	107,113	111,377	123,371	137,667	0.9	(1.8)	13.1	0.6	2.4	3.2	12.5	11.6
Region II	71,718	71,365	72,010	78,027	81,427	86,946	88,918	94,162	103,015	(0.5)	0.9	8.4	4.4	8.1	2.2	3.7	9.4
Agriculture, forestry and fishing	49,657	47,517	50,732	54,992	54,898	60,003	59,468	62,961	76,618	(4.3)	6.8	8.4	(0.2)	11.2	(1.0)	1.0	21.7
Industry	122,261	128,580	108,233	119,519	143,887	137,970	142,930	134,162	127,190	5.2	(15.8)	10.4	20.4	(4.1)	5.3	(10.2)	(5.2)
Services	100,060	98,222	99,856	108,218	111,468	116,105	119,710	124,501	124,020	(1.8)	1.7	8.4	3.0	4.6	2.9	5.9	(0.4)
Region III	129,288	137,411	142,719	151,196	153,375	162,398	171,193	176,388	198,896	6.3	3.9	5.9	1.4	6.4	4.6	2.8	12.8
Agriculture, forestry and fishing	116,308	113,213	108,007	125,124	127,941	137,803	153,563	176,149	205,786	(2.7)	(4.6)	15.8	2.3	8.7	11.1	13.7	16.8
Industry	249,584	286,973	319,984	328,771	310,889	348,144	368,252	361,416	381,492	15.0	11.5	2.7	(5.4)	13.2	5.8	(7.0)	5.6
Services	95,623	97,561	98,663	102,635	108,718	107,980	111,118	109,353	122,031	2.0	1.1	4.0	5.9	(0.6)	1.7	0.1	11.6

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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	210,065	224,658	219,872	230,968	241,840	241,391	256,106	239,975	251,050	6.9	(2.1)	5.0	4.7	0.2	5.6	(5.8)	4.6
Agriculture, forestry and fishing	81,344	88,159	91,298	95,243	106,645	96,965	111,147	134,698	138,331	8.4	3.6	4.3	12.0	(8.0)	16.2	16.8	2.7
Industry	526,014	556,421	543,651	562,673	570,739	574,442	606,244	534,291	595,794	5.8	(2.3)	3.5	1.4	2.0	3.7	(11.8)	11.5
Services	118,373	120,523	119,095	124,925	130,919	130,242	136,206	127,042	128,101	1.8	(1.2)	4.9	4.8	(0.7)	4.3	(5.2)	0.8
Region IVB	85,982	84,581	83,133	87,618	89,173	92,811	94,335	100,186	106,839	(1.6)	(1.7)	5.4	1.8	3.6	1.6	6.8	6.6
Agriculture, forestry and fishing	46,658	43,681	42,737	43,618	44,219	45,364	48,147	47,526	54,004	(6.4)	(2.2)	2.1	1.4	1.6	9.0	(9.1)	13.6
Industry	297,382	276,838	276,977	290,600	257,357	274,478	261,165	245,963	239,551	(6.9)	0.1	4.9	(11.4)	8.9	(8.9)	4.2	(2.6)
Services	82,260	85,202	85,015	90,159	94,940	92,446	95,235	107,794	110,314	3.6	(0.2)	6.1	5.3	(3.2)	1.6	21.4	2.3
Region V	54,363	55,072	55,543	55,798	59,685	61,775	65,507	70,384	74,841	1.3	0.9	0.5	7.0	4.0	4.8	8.0	6.3
Agriculture, forestry and fishing	33,161	34,711	34,617	36,091	38,622	39,344	37,900	39,193	48,446	4.7	(0.3)	4.3	7.0	2.3	(4.2)	2.3	23.6
Industry	81,188	83,496	77,458	76,990	83,690	84,112	99,247	102,577	95,172	2.8	(7.2)	(0.6)	8.7	0.5	12.6	3.2	(7.2)
Services	67,541	65,332	67,799	65,931	69,247	72,390	75,963	83,188	83,263	(3.3)	3.8	(2.8)	5.0	5.2	4.5	11.6	0.1
Region VI	75,436	76,410	78,581	85,834	88,646	88,263	95,619	100,863	112,479	1.3	2.8	9.2	3.3	(1.7)	7.7	4.0	11.5
Agriculture, forestry and fishing	51,669	49,949	53,970	57,130	56,664	50,901	51,993	54,318	63,586	(3.3)	8.1	5.9	(0.8)	(11.1)	2.1	(1.5)	17.1
Industry	113,597	115,123	115,112	138,223	148,746	150,672	189,737	186,705	192,942	1.3	*	20.1	7.6	1.3	23.6	(4.7)	3.3
Services	86,490	88,378	90,404	95,852	98,309	101,603	105,466	110,058	121,343	2.2	2.3	6.0	2.6	1.6	3.1	6.4	10.3
Region VII	112,896	121,289	125,371	135,996	144,322	147,810	150,202	162,232	170,962	7.4	3.4	8.5	6.1	3.0	1.7	6.0	5.4
Agriculture, forestry and fishing	31,594	32,314	31,959	32,593	32,464	30,811	31,715	30,206	33,383	2.3	(1.1)	2.0	(0.4)	(1.9)	3.9	(12.3)	10.5
Industry	210,497	241,935	243,745	260,879	289,769	296,120	292,197	326,032	322,727	14.9	0.7	7.0	11.1	2.6	(1.8)	12.2	(1.0)
Services	130,501	132,861	139,641	149,472	156,032	157,902	161,562	175,191	186,846	1.8	5.1	7.0	4.4	0.3	2.2	9.4	6.7
Region VIII	88,045	90,788	89,425	80,982	81,800	140,169	151,558	95,872	98,239	3.1	(1.5)	(9.4)	1.0	(0.5)	8.0	8.9	2.5
Agriculture, forestry and fishing	41,049	45,624	43,732	40,924	37,330	52,420	57,433	37,608	41,831	11.1	(4.1)	(6.4)	(8.8)	(7.4)	9.6	(3.0)	11.2
Industry	397,605	409,537	406,367	314,437	333,246	544,421	519,783	305,480	291,970	3.0	(0.8)	(22.6)	6.0	(15.3)	(6.8)	23.3	(4.4)
Services	66,108	66,872	67,365	69,790	68,597	138,267	144,452	82,096	82,351	1.2	0.7	3.6	(1.7)	5.0	4.7	5.9	0.3

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Region IX	84,923	84,429	82,183	94,907	98,335	104,515	113,902	107,056	117,399	(0.6)	(2.7)	15.5	3.6	6.4	9.5	(7.4)	9.7
Agriculture, forestry and fishing	49,697	47,423	43,621	44,390	44,933	48,161	50,568	43,123	47,995	(4.6)	(8.0)	1.8	1.2	7.5	5.7	(21.1)	11.3
Industry	259,366	245,071	227,673	306,906	309,258	341,211	384,661	374,002	364,670	(5.5)	(7.1)	34.8	0.8	11.8	10.6	6.7	(2.5)
Services	88,387	91,484	90,362	98,028	102,716	102,765	109,071	103,863	116,172	3.5	(1.2)	8.5	4.8	(0.5)	6.7	(2.1)	11.9
Region X	108,202	113,545	116,205	121,499	129,441	133,213	142,669	152,172	164,298	4.9	2.3	4.6	6.5	3.0	8.0	3.5	8.0
Agriculture, forestry and fishing	69,692	67,666	70,251	69,618	78,618	74,011	85,878	91,569	95,346	(2.9)	3.8	(0.9)	12.9	(5.4)	20.8	(4.5)	4.1
Industry	329,543	344,879	364,507	362,636	370,361	372,049	386,977	386,507	376,489	4.7	5.7	(0.5)	2.1	0.9	3.6	1.2	(2.6)
Services	95,972	102,764	102,839	111,210	112,241	123,118	123,935	131,655	150,402	7.1	0.1	8.1	0.9	9.3	(0.6)	7.9	14.2
Region XI	120,577	126,052	123,524	128,692	139,031	144,578	158,136	165,380	180,213	4.5	(2.0)	4.2	8.0	3.9	9.7	3.5	9.0
Agriculture, forestry and fishing	59,637	62,918	58,012	60,313	57,504	57,813	64,376	58,580	62,051	5.5	(7.8)	4.0	(4.7)	0.4	12.6	(13.3)	5.9
Industry	281,005	273,714	275,611	281,315	330,141	351,052	385,247	403,971	465,614	(2.6)	0.7	2.1	17.4	6.8	9.7	(1.2)	15.3
Services	130,024	136,759	139,245	140,437	148,735	150,890	156,637	167,742	170,952	5.2	1.8	0.9	5.9	1.2	3.6	10.3	1.9
Region XII	92,198	93,579	94,718	101,590	109,528	113,412	115,708	114,985	125,121	1.5	1.2	7.3	7.8	3.7	2.5	(3.5)	8.8
Agriculture, forestry and fishing	57,115	58,545	58,686	60,369	62,952	66,534	66,547	62,955	66,068	2.5	0.2	2.9	4.3	6.2	0.3	(8.7)	4.9
Industry	332,478	308,411	346,149	389,641	447,021	427,577	407,608	366,065	389,613	(7.2)	12.2	12.6	14.7	(5.0)	(5.2)	(6.2)	6.4
Services	86,916	87,926	84,535	91,478	97,464	98,963	103,209	99,600	112,528	1.2	(3.9)	8.2	6.5	1.4	5.2	(7.5)	13.0
Caraga	59,644	65,651	69,616	75,024	77,968	83,411	88,450	90,711	94,481	10.1	6.0	7.8	3.9	9.2	5.8	2.6	4.2
Agriculture, forestry and fishing	38,707	40,146	40,613	42,876	45,503	45,932	42,729	40,898	40,760	3.7	1.2	5.6	6.1	4.3	(7.0)	(8.1)	(0.3)
Industry	110,000	128,881	139,211	157,619	163,351	175,215	189,513	208,695	203,828	17.2	8.0	13.2	3.6	9.1	6.5	17.8	(2.3)
Services	63,560	66,615	69,875	71,865	73,738	78,977	85,440	91,074	99,908	4.8	4.9	2.8	2.6	8.3	8.4	7.4	9.7
Autonomous Region in Muslim Mindanao	39,324	41,691	41,465	38,647	40,110	39,219	40,177	44,563	52,978	6.0	(0.5)	(6.8)	3.8	(2.2)	3.4	4.5	18.9
Agriculture, forestry and fishing	35,284	37,849	37,660	34,176	35,868	33,656	33,684	38,573	46,693	7.3	(0.5)	(9.3)	5.0	(5.7)	0.8	7.5	21.1
Industry	64,031	94,958	89,000	76,235	72,057	108,277	72,393	56,747	69,699	48.3	(6.3)	(14.3)	(5.5)	33.1	(34.8)	(21.5)	22.8
Services	47,803	47,709	46,560	46,310	47,014	46,540	52,946	55,534	63,387	(0.2)	(2.4)	(0.5)	1.5	(1.0)	15.8	(0.7)	14.1

Notes:

- GRDP data based on updated 1993/2008 SNA available starting 2009.
- Regional labor productivity is defined as GRDP per employed person in the region.
- 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.
- 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.
- 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.
- 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.
- 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.