

## GDP 統計的弔詭: 中美印比較

省/州的 GDP 總和大過全國 GDP，統計上經常出現。我教學時已不時說。












據《中國新聞網》統計顯示，31 個省份上半年 GDP 總和為 30.28 萬億元，而此前國家統計局數據顯示 2014 年上半年全國 GDP 為 26.9 萬億元，前者較後者高出約 3.38 萬億元，超出部分佔全國 GDP 比重約為 12.56%。當然，中國的水分屬離譜。一個從廈門的猜想：近年國內跨省旅遊盛行，來客消費(嚴格而言是服務出口) 加入福建 GDP，但來源省如何扣除(服務進口)則不清楚。此外，還存在省與省之間的貿易、投資等複雜因素。怎樣也好，中國統計系統須精密化，這點無疑。

<http://www2.hkej.com/instantnews/china/article/410291/%E5%85%A7%E5%9C%B031%E7%9C%81%E4%BB%BDGDP%E7%B8%BD%E5%92%8C%E8%B6%85%E5%85%A8%E5%9C%8B%E7%B8%BD%E9%87%8F%E9%80%BE3%E8%90%AC%E5%84%84>











連建立了精密統計系統的美國也不例外。2009 年州總和為 14.486712 萬億美元，超過全國 0.367712 萬億，比例為 2.6%。

[http://en.wikipedia.org/wiki/List\\_of\\_U.S.\\_states\\_by\\_GDP](http://en.wikipedia.org/wiki/List_of_U.S._states_by_GDP)












List of U.S. states and territories by GDP

State	2009 Rank	2009 GSP (\$Millions)	2008 Rank	2008 GSP (\$Millions)	2007 Rank	2007 GSP (\$Millions)
 <a href="#">United States</a>		14,119,000		14,369,100		14,061,800
 <a href="#">California</a>	1	1,891,363	1	1,846,757	1	1,801,762
 <a href="#">Texas</a>	2	1,244,695	2	1,223,511	2	1,148,531
 <a href="#">New York</a>	3	1,093,219	3	1,144,481	3	1,105,020
 <a href="#">Florida</a>	4	737,038	4	744,120	4	741,861
 <a href="#">Illinois</a>	5	630,398	5	633,697	5	617,409
 <a href="#">Pennsylvania</a>	6	554,774	6	553,301	6	533,212
 <a href="#">Ohio</a>	9	471,264	8	471,508	7	462,506
 <a href="#">New Jersey</a>	8	482,967	7	474,936	8	461,295
 <a href="#">Georgia</a>	10	469,809	10	397,756	9	391,241
 <a href="#">North Carolina</a>	7	496,092	9	400,192	10	390,467

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 <a href="#">Virginia</a>	11	408,443	11	397,025	11	384,132
 <a href="#">Michigan</a>	12	368,401	12	382,544	12	379,934
 <a href="#">Massachusetts</a>	13	365,182	13	364,988	13	352,178
 <a href="#">Washington</a>	14	338,334	14	322,778	14	310,279
 <a href="#">Maryland</a>	16	286,797	15	273,333	15	264,426
 <a href="#">Indiana</a>	17	262,647	17	254,861	17	249,229
 <a href="#">Minnesota</a>	15	323,912	16	262,847	16	252,472
 <a href="#">Tennessee</a>	20	244,508	18	252,127	19	245,162
 <a href="#">Arizona</a>	18	256,364	19	248,888	18	245,952
 <a href="#">Wisconsin</a>	21	244,370	21	240,429	21	233,406
 <a href="#">Colorado</a>	19	252,657	20	248,603	20	235,848
 <a href="#">Missouri</a>	22	239,752	22	237,797	22	229,027
 <a href="#">Louisiana</a>	24	208,377	23	222,218	24	207,407
 <a href="#">Connecticut</a>	23	227,405	24	216,174	23	212,252
 <a href="#">Alabama</a>	25	169,856	25	170,014	25	164,524
 <a href="#">Oregon</a>	26	165,648	26	161,573	26	158,268
 <a href="#">South Carolina</a>	27	159,647	28	156,384	28	151,703
 <a href="#">Kentucky</a>	28	156,553	27	156,436	27	152,099
 <a href="#">Oklahoma</a>	29	153,778	29	146,448	29	136,374
 <a href="#">Iowa</a>	30	142,282	30	135,702	30	129,911
 <a href="#">Nevada</a>	31	126,503	31	131,233	31	129,314
 <a href="#">Kansas</a>	32	124,921	32	122,731	32	116,986
 <a href="#">Utah</a>	33	112,941	33	109,777	33	105,574
 <a href="#">Arkansas</a>	34	101,818	34	98,331	34	95,116
 <a href="#">District of Columbia</a>		99,129		97,235		92,516
 <a href="#">Mississippi</a>	35	95,905	35	91,782	35	87,652
 <a href="#">Nebraska</a>	36	86,439	36	83,273	36	80,360
 <a href="#">New Mexico</a>	37	74,801	37	79,901	37	75,192
 <a href="#">Hawaii</a>	38	66,431	38	63,847	38	62,019
 <a href="#">Delaware</a>	40	60,588	39	61,828	39	61,545

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 <a href="#">West Virginia</a>	39	63,344	40	61,652	40	57,877
 <a href="#">New Hampshire</a>	41	59,400	41	60,005	41	57,820
 <a href="#">Idaho</a>	42	54,005	42	52,747	42	52,110
 <a href="#">Maine</a>	43	51,293	43	49,709	43	48,021
 <a href="#">Alaska</a>	45	45,709	44	47,912	45	44,887
 <a href="#">Rhode Island</a>	44	47,837	45	47,364	44	46,699
 <a href="#">South Dakota</a>	46	38,308	46	36,959	46	35,211
 <a href="#">Montana</a>	48	35,954	47	35,891	47	34,266
 <a href="#">Wyoming</a>	47	37,544	48	35,310	48	31,544
 <a href="#">North Dakota</a>	49	31,872	49	31,208	49	28,518
 <a href="#">Vermont</a>	50	25,438	50	25,442	50	24,627

State/union territory	2006-07 nominal GDP (in Crores of Rupees)	2007-08 nominal GDP (in Crores of Rupees)	2008-09 nominal GDP (in Crores of Rupees)	2009-10 nominal GDP (in Crores of Rupees)	2010-11 nominal GDP (in Crores of Rupees)	2011-12 nominal GDP (in Crores of Rupees)	2012-13 nominal GDP (in Crores of Rupees)
<a href="#">Andaman and Nicobar Islands U.T.</a>	2,538	2,990	3,480	4,120	4,345	4,746	5,067
<a href="#">Andhra Pradesh</a>	301,035	364,813	426,765	476,835	583,762	662,592	754,409
<a href="#">Arunachal Pradesh</a>	4,108	4,810	5,687	7,474	9,013	10,619	12,091
<a href="#">Assam</a>	64,692	71,076	81,074	95,975	112,688	125,820	141,621
<a href="#">Bihar</a>	100,737	113,680	142,279	162,923	204,289	247,318	313,995
<a href="#">Chandigarh U.T.</a>	12,276	13,669	15,334	17,717	20,017	23,211	26,162
<a href="#">Chhattisgarh</a>	66,875	80,255	96,972	99,364	119,420	132,872	153,621
<a href="#">Delhi U.T.</a>	135,584	157,947	189,533	219,396	252,753	296,957	348,221
<a href="#">Goa</a>	16,523	19,565	25,414	29,126	33,605	36,025	34,965
<a href="#">Gujarat</a>	283,693	329,285	367,912	431,262	521,519	594,563	670,016
<a href="#">Haryana</a>	128,732	151,596	182,522	223,600	260,621	301,959	345,238
<a href="#">Himachal Pradesh</a>	30,274	33,963	41,483	48,189	57,452	64,957	73,710
<a href="#">Jammu &amp; Kashmir</a>	33,230	37,099	42,315	48,385	58,073	65,759	75,574
<a href="#">Jharkhand</a>	66,935	83,950	87,794	100,621	127,281	143,891	164,876
<a href="#">Karnataka</a>	227,237	270,629	310,312	337,559	410,703	458,894	524,502
<a href="#">Kerala</a>	153,785	175,141	202,783	231,999	263,773	307,906	349,338
India's GDP						Regional total	13,382,282
						National	10,113,281
							1.323238423

舉個另一例子，全球最大的「民主」國家印度。它的邦/屬土的 GDP 總和比印度全國一般超過 30%(見上表)。若全國統計中國的 12.56%屬離譜，印度不知應用什麼形容詞。

[http://en.wikipedia.org/wiki/List\\_of\\_Indian\\_states\\_by\\_GDP](http://en.wikipedia.org/wiki/List_of_Indian_states_by_GDP)

統計是科學，亦是藝術。