



AUSTRALIAN NATIONAL ACCOUNTS

GROSS PRODUCT BY INDUSTRY AT CURRENT AND CONSTANT PRICES, 1980-81 (PRELIMINARY)

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EXPLANATORY NOTES

Introduction

This publication makes available preliminary summary statistics prepared for the publication *Australian National Accounts: Gross Product By Industry at Current and Constant Prices, 1980-81* (5211.0) which will be issued shortly. The estimates of industry gross product at current prices are consistent with those published in *Australian National Accounts: National Income and Expenditure, 1980-81* (5204.0).

2. This issue presents series of gross product by industry at constant prices rebased to average 1979-80 prices. The differences between the growth rates exhibited by the estimates at average 1979-80 prices and those at average 1974-75 prices reflect two factors:

(a) differences between the price relativities in the two years;

(b) revisions arising from:

(i) the use of new methodologies in some industries (principally Mining, Construction, Wholesale and retail trade, Ownership of dwellings, Customs duties and Imputed bank service charge),

(ii) the use of some new sources of data, and

(iii) firmer data becoming available for the most recent years.

3. Industry-revalued estimates of gross domestic product are obtained by summing estimates of gross product at constant prices for the various industries. For the Agriculture and Mining industries, gross product is obtained by deducting estimates of industry intermediate input at constant prices from the corresponding estimates of output at constant prices. Estimates of the gross product at constant prices of the Public administration and defence, and the Finance, insurance, real estate and business services industries are obtained by extrapolating the 1979-80 gross product entirely on the basis of movements in employment in those industries. For all other industries, constant price gross product is estimated by extrapolating the 1979-80 industry gross product by the movement in industry output at constant prices.

4. A detailed description of the definitions, concepts and methods used in deriving the estimates in this publication is contained in *Australian National Accounts: Concepts, Sources and Methods* (5216.0) (although the description of constant price estimates is in terms of average 1974-75 prices). The methodological changes affecting the industries listed in paragraph 2(b)(i) above will be described in the forthcoming issue of 5211.0.

5. For comparison purposes, expenditure-revalued estimates of gross domestic product at average 1979-80 prices are also shown in this publication. Expenditure-revalued estimates are obtained by summing the constant price components of final expenditure on goods and services, plus exports less imports of goods and services. While the above two methods of revaluation are conceptually equivalent, they differ in practice, mainly because of the use of different data sources. Expenditure-revalued estimates at constant (average 1979-80) prices are published by the ABS on both a quarterly and an annual basis (see Cat. Nos 5204.0 and 5206.0).

6. More detailed data underlying the estimates in this preliminary publication can be obtained by calling Mr Paul Curran on (062) 52 6801.

Related publications

7. Users may wish to refer to the following publications:

Australian National Accounts: National Income and Expenditure, 1980-81 (5204.0)

Australian National Accounts: Gross Product by Industry at Current and Constant Prices, 1979-80 (5211.0)

Australian National Accounts: Concepts, Sources and Methods (5216.0)

8. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

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GROSS PRODUCT BY INDUSTRY GROUP(a) AT CURRENT AND CONSTANT PRICES AND GROSS PRODUCT BY INDUSTRY GROUP AT CONSTANT PRICES PER PERSON EMPLOYED

	Trend rate of growth(b)													
	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81		
	Per cent						\$ Million							
Gross product at current prices														
Industry Group—														
1 (ASIC Divisions A to H)	13.4	21,873	23,587	26,107	29,614	35,556	41,490	48,099	54,013	57,606	65,213	73,427	83,341	
2 (ASIC Divisions B to H)	13.5	19,632	21,545	23,751	26,370	31,193	37,580	44,101	49,530	53,359	58,374	65,628	75,755	
3 (ASIC Divisions A to I, L)(c)	13.9	25,497	27,756	30,745	35,001	41,796	49,092	57,304	64,820	69,374	78,988	88,841	101,343	
4 (ASIC Divisions B to I, L)(c)	14.0	23,256	25,714	28,389	31,757	37,433	45,182	53,306	60,337	65,127	72,149	81,042	93,757	
5 (All industries excluding ASIC Division A)(c)(d)	14.9	28,304	31,695	35,321	39,659	46,984	57,838	68,827	78,661	86,004	95,231	106,665	123,469	
All industries(e)	14.7	30,545	33,737	37,677	42,903	51,347	61,748	72,825	83,144	90,251	102,070	114,464	131,055	
Gross product at average 1979-80 prices														
Industry-revalued estimates														
Industry Group—														
1 (ASIC Divisions A to H)	2.7	54,989	57,557	59,942	61,364	65,324	65,460	66,117	68,340	68,739	72,271	73,427	74,571	
2 (ASIC Divisions B to H)	2.7	48,989	51,545	53,369	55,605	59,206	58,682	58,821	60,842	61,367	63,551	65,628	67,538	
3 (ASIC Divisions A to I, L)(c)	2.8	66,263	69,459	72,021	73,900	78,864	79,062	79,821	82,680	83,339	87,440	88,841	90,600	
4 (ASIC Divisions B to I, L)(c)	2.7	60,263	63,447	65,448	68,141	72,746	72,284	72,525	75,182	75,967	78,720	81,042	83,567	
5 (All industries excluding ASIC Division A)(c)(d)	3.2	76,061	80,065	82,943	86,601	92,106	93,098	94,787	98,277	100,031	103,622	106,665	109,994	
All industries	3.2	82,061	86,077	89,516	92,360	98,224	99,876	102,083	105,775	107,403	112,342	114,464	117,827	
Expenditure-revalued estimates(f)	3.0	83,654	88,079	92,368	96,145	100,223	101,836	104,238	107,141	108,094	113,040	114,464	119,197	
							Index numbers (Base: 1979-80 = 1000)							
Persons employed(g)														
Industry Group—														
1 (ASIC Divisions A to H)	0.2	962	983	987	992	1022	1004	990	987	978	988	1000	1012	
2 (ASIC Divisions B to H)	0.4	945	968	973	983	1018	1002	989	988	979	991	1000	1012	
3 (ASIC Divisions A to I, L)	0.5	930	956	960	970	1003	990	981	981	974	985	1000	1015	
4 (ASIC Divisions B to I, L)	0.7	913	942	946	961	998	987	980	981	975	987	1000	1015	
5 (All industries excluding ASIC Division A)(d)	1.4	856	886	897	916	953	956	961	969	972	986	1000	1018	
All industries	1.2	873	901	910	926	959	960	964	970	971	984	1000	1017	
Gross product at constant prices per person employed														
Industry-revalued estimates														
Industry Group—														
1 (ASIC Divisions A to H)	2.5	778	797	827	842	870	888	910	943	958	996	1000	1004	
2 (ASIC Divisions B to H)	2.3	790	811	836	862	886	893	906	938	955	977	1000	1017	
3 (ASIC Divisions A to I, L)(c)	2.2	802	818	845	858	885	899	916	949	963	999	1000	1005	
4 (ASIC Divisions B to I, L)(c)	2.0	814	831	853	875	900	904	913	945	962	984	1000	1015	
5 (All industries excluding ASIC Division A)(c)(d)	1.8	833	848	867	886	906	913	924	950	965	985	1000	1013	
All industries	2.0	821	835	859	871	894	909	926	953	966	997	1000	1005	
Expenditure-revalued estimates	1.8	837	854	886	907	913	926	945	965	972	1003	1000	1024	

(a) Industry groups are defined in terms of divisions of the Australian Standard Industrial Classification (ASIC). In addition the estimates for All industries include a component for Ownership of dwellings plus adjustments for Customs duties and the Imputed bank service charge attributable to industries. These two adjustments are also made to Industry groups 3, 4 and 5. The ASIC Divisions are: A—Agriculture, forestry, fishing and hunting; B—Mining; C—Manufacturing; D—Electricity, gas and water; E—Construction; F—Wholesale and retail trade; G—Transport and storage; H—Communication; I—Finance, insurance, real estate and business services; J—Public administration and defence; K—Community services; L—Entertainment, recreation, restaurants, hotels and personal services.

(b) Calculated by applying the least squares method to the logarithms of the estimates. (c) Includes adjustments for Customs duties and Imputed bank service charges. (d) This series has approximately the same industry scope as the gross non-farm product series shown in *Australian National Accounts: National Income and Expenditure, 1980-81* (5204.0). (e) This series is published in Table 1 of *Australian National Accounts: National Income and Expenditure, 1980-81* (5204.0). (f) This series is published in Table 2 of *Australian National Accounts: National Income and Expenditure, 1980-81* (5204.0). (g) Comprises wage and salary earners, employers, self-employed and unpaid family helpers working 15 hours or more.