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Labour Force Survey, Australia

Revisions to Historical ANZSIC Industry Data

Information Paper

NOTES

INQUIRIES

For further information about the contents of this publication or the availability of labour force data products and services, contact Sylvia Sajler on Canberra (06) 252 6525 or any Australian Bureau of Statistics (ABS) State office.

For information about other ABS statistics and services please refer to the back of this publication.

RELATED PUBLICATIONS

Users may wish to refer to the following publications which relate to the labour force and are available for sale on request:

Labour Force, Australia (6203.0) issued monthly

Australian and New Zealand Standard Industrial Classification 1993 (1292.0)

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

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THE LABOUR FORCE SURVEY AND ANZSIC

INTRODUCTION

This publication provides details of revisions to the concordance between the Australian Standard Industrial Classification (ASIC) and the Australian and New Zealand Standard Industrial Classification (ANZSIC) used for Labour Force Survey (LFS) data. ANZSIC has been applied to LFS data since August 1994. A detailed description of ANZSIC is published in *Australian and New Zealand Standard Industrial Classification, 1993* (1292.0).

A concordance between the two classifications was published in the August 1994 issue of *Labour Force, Australia* (6203.0), and in the previous issue of this information paper. Both publications included historical labour force estimates converted from ASIC to ANZSIC for the period May 1986 to August 1994. It has since been found that the concordance, which was based on preliminary investigations, did not provide the most appropriate conversion for certain Group level industries. An improved concordance has now been applied to historical LFS estimates.

INDUSTRY CLASSIFICATIONS AND THE LFS

ANZSIC, like ASIC, is a classification which serves to identify groupings of businesses which carry out similar economic activities and which satisfy other conditions (like economic significance). These groups can be used to define an industry. An individual business can then be assigned to an industry on the basis of its predominant economic activity.

The industry classification can then be used in collections such as the LFS, where employed and unemployed persons are classified to either the industry of the business in which they are employed, or to the industry of the business in which they were previously employed (in the case of unemployed persons who had worked full time for at least two weeks in the last two years).

DEVELOPMENT OF ANZSIC

ANZSIC was developed by the ABS and Statistics New Zealand for use in the production and analysis of industry statistics in both countries.

The development of ANZSIC resulted from the need to improve the comparability of industry statistics between Australia and New Zealand. While the development of ANZSIC reflects changes in the world economy during the last 20 years, it also acknowledges particular circumstances in Australia and New Zealand, such as:

- a shift away from goods-producing industries to service industries;
- the desire for closer alignment with the International Standard Industrial Classification of All Economic Activities (ISIC), Revision 3;
- rapid technological development; and
- user requirements for separate industry categories.

STRUCTURE OF ANZSIC

ANZSIC, like ASIC, has a structure consisting of categories at four levels: Divisions (the broadest level), Subdivisions, Groups and Classes. At the Division level the main purpose is to provide a limited number of categories which will provide a broad overall picture of the economy. There are 17 divisions with ANZSIC, each identified by an alphabetical character, as follows:

Division	Title
A	Agriculture, Forestry and Fishing
B	Mining
C	Manufacturing
D	Electricity, Gas and Water Supply
E	Construction
F	Wholesale Trade
G	Retail Trade
H	Accommodation, Cafes and Restaurants
I	Transport and Storage
J	Communication Services
K	Finance and Insurance
L	Property and Business Services
M	Government Administration and Defence
N	Education
O	Health and Community Services
P	Cultural and Recreational Services
Q	Personal and Other Services

The Subdivision, Group and Class levels provide increasingly detailed dissections of the broad categories. LFS responses were only coded at the Group (3-digit) level under the ASIC. A similar practice continues under ANZSIC, with responses coded at the Group level.

ASIC/ANZSIC CONCORDANCE

To assist users in making comparisons with previously published data, the following pages provide a concordance at ASIC Group level, compared with the corresponding ANZSIC Group(s). The concordance also shows revised estimates of the proportion of employment attributable to each ANZSIC Group(s), as compared with ASIC Group data, using employment information at the establishment unit level taken from the ABS Business Register as at May 1994. Historical estimates of employment by ANZSIC industry group have been compiled after converting unit records using the proportions shown in this revised concordance to ANZSIC equivalent Groups. Historical data at the ANZSIC Division level, produced using the revised proportions, are now available for the period November 1984 to May 1994. The revised historical estimates of employment by ANZSIC Division are shown in the following pages, and will be published in the May 1996 issue of *Labour Force, Australia* (6203.0).

DATA AVAILABILITY

Tables showing revised original, seasonally adjusted and trend estimates of industry (ANZSIC Division level) from November 1984 to May 1994 appear in pages 11–16 of this publication. These historical estimates replace those previously released.

From the August 1994 LFS, ANZSIC has been used to classify employed and unemployed persons by industry. Industry data are available at the Division, Subdivision and Group level (the most detailed level at which industry is coded for the LFS).

ASIC/ANZSIC CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY INDUSTRY

ASIC		Employment ratio %	ANZSIC
A Agriculture, Forestry, Fishing and Hunting			
012	Poultry	100.000	014 Poultry Farming
013	Fruit	100.000	011 Horticulture and Fruit Growing
014	Vegetables	91.788 8.211	011 Horticulture and Fruit Growing 016 Other Crop Growing
018	Cereal Grains, Sheep, Cattle and Pigs	87.114 9.072 3.813	012 Grain Sheep and Beef Cattle Farming 013 Dairy Cattle Farming 015 Other Livestock Farming
019	Other Agriculture	48.538 0.160 28.172 23.128	011 Horticulture and Fruit Growing 012 Grain Sheep and Beef Cattle Farming 015 Other Livestock Farming 016 Other Crop Growing
020	Services to Agriculture	100.000	021 Services to Agriculture
030	Forestry and Logging	100.000	030 Forestry and Logging
043	Fishing	68.055 31.458 0.486	041 Marine Fishing 042 Aquaculture 774 Machinery and Equipment Hiring and Leasing
044	Hunting and Trapping	100.000	022 Hunting and Trapping
B Mining			
111	Ferrous Metal Ores	100.000	131 Metal Ore Mining
112	Non-Ferrous Metal Ores	100.000	131 Metal Ore Mining
120	Coal	100.000	110 Coal Mining
130	Oil and Gas	100.000	120 Oil and Gas Extraction
140	Construction Materials	100.000	141 Construction Material Mining
150	Other Non-Metallic Minerals	32.666 67.333	141 Construction Material Mining 142 Other Mining
161	Mineral Exploration (Own Account)	100.000	151 Exploration
162	Mining and Exploration Services n.e.c.	10.490 89.509	151 Exploration 152 Other Mining Services
C Manufacturing			
211	Meat Products	99.765 0.234	211 Meat and Meat Product Manufacturing 253 Basic Chemical Manufacturing
212	Milk Products	100.000	212 Dairy Product Manufacturing
213	Fruit and Vegetable Products	100.000	213 Fruit and Vegetable Processing
214	Margarine and Oils and Fats n.e.c.	100.000	214 Oil and Fat Manufacturing
215	Flour Mill and Cereal Food Products	100.000	215 Flour Mill and Cereal Food Manufacturing
216	Bread, Cakes and Biscuits	77.733 22.266	216 Bakery Product Manufacturing 512 Specialised Food Retailing

ASIC/ANZSIC CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY INDUSTRY — *continued*

ASIC	Employment ratio		ANZSIC
	%		
217 Other Food Products	100.000		217 Other Food Manufacturing
219 Tobacco Products	100.000		219 Tobacco Product Manufacturing
234 Textile Fibres, Yarns and Woven Fabrics	3.356		021 Services to Agriculture
	93.789		221 Textile Fibre, Yarn and Woven Fabric Manufacturing
	0.661		222 Textile Product Manufacturing
	2.113		223 Knitting Mills
	0.079		226 Leather and Leather Product Manufacturing
235 Other Textile Products	100.000		222 Textile Product Manufacturing
244 Knitting Mills	100.000		223 Knitting Mills
245 Clothing	1.205		222 Textile Product Manufacturing
	98.794		224 Clothing Manufacturing
246 Footwear	100.000		225 Footwear Manufacturing
253 Wood and Wood Products	0.007		225 Footwear Manufacturing
	34.156		231 Log Sawmilling and Timber Dressing
	64.293		232 Other Wood Product Manufacturing
	1.288		291 Prefabricated Building Manufacturing
	0.254		294 Other Manufacturing
254 Furniture and Mattresses	0.053		222 Textile Product Manufacturing
	99.946		292 Furniture Manufacturing
263 Paper and Paper Products	0.128		222 Textile Product Manufacturing
	99.871		233 Paper and Paper Product Manufacturing
264 Printing and Allied Industries	54.219		241 Printing and Services to Printing
	45.780		242 Publishing
275 Basic Chemicals	100.000		253 Basic Chemical Manufacturing
276 Other Chemical Products	96.245		254 Other Chemical Product Manufacturing
	3.754		276 Fabricated Metal Product Manufacturing
277 Petroleum Refining	100.000		251 Petroleum Refining
278 Petroleum and Coal Products n.e.c.	100.000		252 Petroleum & Coal Product Manufacturing n.e.c.
285 Glass and Glass Products	100.000		261 Glass and Glass Product Manufacturing
286 Clay Products and Refractories	100.000		262 Ceramic Product Manufacturing
287 Cement and Concrete Products	100.000		263 Cement, Lime, Plaster & Concrete Product Manufacturing
288 Other Non-Metallic Mineral Products	31.793		263 Cement, Lime, Plaster & Concrete Product Manufacturing
	68.206		264 Non-Metallic Mineral Product Manufacturing n.e.c.
294 Basic Iron and Steel	99.839		271 Iron and Steel Manufacturing
	0.160		276 Fabricated Metal Product Manufacturing
295 Basic Non-Ferrous Metals	0.271		254 Other Chemical Product Manufacturing
	99.728		272 Basic Non-Ferrous Metal Manufacturing
296 Non-Ferrous Metal Basic Products	100.000		273 Non-Ferrous Basic Metal Product Manufacturing
314 Structural Metal Products	93.166		274 Structural Metal Product Manufacturing
	6.833		291 Prefabricated Building Manufacturing

ASIC/ANZSIC CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY INDUSTRY -- *continued*

ASIC		Employment ratio		ANZSIC	
		%			
315	Sheet Metal Products	84.401	275	Sheet Metal Product Manufacturing	
		14.168	292	Furniture Manufacturing	
		1.429	294	Other Manufacturing	
324	Other Transport Equipment	99.922	282	Other Transport Equipment Manufacturing	
		0.077	294	Other Manufacturing	
334	Equipment	44.911	283	Photographic and Scientific Equipment Manufacturing	
		2.045	284	Electronic Equipment Manufacturing	
		53.042	952	Other Personal Services	
335	Appliances and Electrical Equipment	2.935	243	Recorded Media Manufacturing and Publishing	
		3.191	283	Photographic and Scientific Equipment Manufacturing	
		29.819	284	Electronic Equipment Manufacturing	
		63.738	285	Electrical Equipment and Appliance Manufacturing	
		0.314	286	Industrial Machinery and Equipment Manufacturing	
336	Industrial Machinery and Equipment	3.101	283	Photographic and Scientific Equipment Manufacturing	
		0.416	284	Electronic Equipment Manufacturing	
		96.481	286	Industrial Machinery and Equipment Manufacturing	
345	Leather and Leather Products	0.722	222	Textile Product Manufacturing	
		5.581	224	Clothing Manufacturing	
		93.695	226	Leather and Leather Product Manufacturing	
346	Rubber Products	100.000	255	Rubber Product Manufacturing	
347	Plastic and Related Products	0.441	225	Footwear Manufacturing	
		97.316	256	Plastic Product Manufacturing	
		2.241	264	Non-Metallic Mineral Product Manufacturing n.e.c.	
348	Other Manufacturing	0.524	253	Basic Chemical Manufacturing	
		9.384	283	Photographic and Scientific Equipment Manufacturing	
		7.174	285	Electrical Equipment and Appliance Manufacturing	
		77.929	294	Other Manufacturing	
		4.986	785	Marketing and Business Management Services	
D Electricity, Gas and Water					
361	Electricity	100.000	361	Electricity Supply	
362	Gas	100.000	362	Gas Supply	
370	Water, Sewerage and Drainage	100.000	370	Water Supply	
E Construction					
411	Building Construction	100.000	411	Building Construction	
412	Non-Building Construction	86.547	412	Non-Building Construction	
		13.452	425	Other Construction Services	
423	Concreting, Bricklaying and Tiling Trades	90.462	422	Building Structure Services	
		9.406	424	Building Completion Services	
		0.130	425	Other Construction Services	
424	Other Special Trades	1.120	412	Non-Building Construction	
		11.024	421	Site Preparation Services	
		5.040	422	Building Structure Services	
		48.388	423	Installation Trade Services	
		25.445	424	Building Completion Services	
8.979	425	Other Construction Services			

ASIC/ANZSIC CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY INDUSTRY — *continued*

ASIC	Employment ratio		ANZSIC
	%		
F Wholesale and Retail Trade			
471 General Wholesalers	12.754	471	Food, Drink and Tobacco Wholesaling
	39.795	472	Textile, Clothing and Footwear Wholesaling
	47.447	479	Other Wholesaling
473 Machinery and Equipment Wholesalers	89.247	461	Machinery and Equipment Wholesaling
	9.755	462	Motor Vehicle Wholesaling
	0.325	774	Machinery and Equipment Hiring and Leasing
	0.671	783	Computer Services
474 Minerals, Metals and Chemicals Wholesalers	100.000	452	Mineral, Metal and Chemical Wholesaling
475 Farm Properties and Produce Dealers n.e.c.	98.266	451	Farm Produce Wholesaling
	1.733	772	Real Estate Agents
476 Food, Drink and Tobacco Wholesalers	0.440	217	Other Food Manufacturing
	99.559	471	Food, Drink and Tobacco Wholesaling
477 Textile and Clothing Wholesalers	100.000	472	Textile, Clothing and Footwear Wholesaling
478 Household Goods Wholesalers	100.000	473	Household Good Wholesaling
479 Other Specialist Wholesalers	1.001	461	Machinery and Equipment Wholesaling
	98.998	479	Other Wholesaling
481 Department and General Stores	100.000	521	Department Stores
484 Clothing, Fabrics and Furniture Stores	81.045	522	Clothing and Soft Good Retailing
	17.713	523	Furniture, Houseware and Appliance Retailing
	1.241	526	Household Equipment Repair Services
485 Household Appliance and Hardware Stores	60.746	523	Furniture, Houseware and Appliance Retailing
	18.586	525	Other Personal and Household Good Retailing
	10.066	526	Household Equipment Repair Services
	10.600	951	Personal and Household Goods Hiring
486 Motor Vehicle Dealers; Petrol and Tyre Retailer	9.049	462	Motor Vehicle Wholesaling
	1.487	524	Recreational Good Retailing
	22.163	531	Motor Vehicle Retailing
	67.268	532	Motor Vehicle Services
	0.030	774	Machinery and Equipment Hiring and Leasing
487 Milk and Bread Vendors	100.000	512	Specialised Food Retailing
488 Food Stores	49.451	511	Supermarket and Grocery Stores
	50.548	512	Specialised Food Retailing
489 Other Retailers	40.688	524	Recreational Good Retailing
	59.311	525	Other Personal and Household Good Retailing
G Transport and Storage			
511 Road Freight Transport	89.609	611	Road Freight Transport
	3.683	664	Other Services to Transport
	6.706	711	Postal and Courier Services
512 Road Passenger Transport	100.000	612	Road Passenger Transport
520 Rail Transport	100.000	620	Rail Transport
530 Water Transport	100.000	630	Water Transport

ASIC/ANZSIC CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY INDUSTRY - *continued*

ASIC	Employment ratio		ANZSIC
	%		
540 Air Transport	100.000	640 Air and Space Transport	
550 Other Transport	100.000	650 Other Transport	
571 Services to Road Transport	39.552	661 Services to Road Transport	
	60.447	774 Machinery and Equipment Hiring and Leasing	
574 Other Services to Transport	100.000	664 Other Services to Transport	
580 Storage	100.000	670 Storage	
H Communication			
590 Communication	2.776	711 Postal and Courier Services	
	97.223	712 Telecommunication Services	
I Finance, Property and Business Services			
614 Banking	1.759	731 Central Bank	
	98.240	732 Deposit Taking Financiers	
615 Non-Bank Finance	52.011	732 Deposit Taking Financiers	
	47.988	733 Other Financiers	
616 Investment	93.582	734 Financial Asset Investors	
	1.007	771 Property Operators and Developers	
	5.410	773 Non-Financial Asset Investors	
617 Services to Finance and Investment	100.000	751 Services to Finance and Investment	
623 Insurance	44.302	741 Life Insurance and Superannuation Funds	
	55.697	742 Other Insurance	
624 Services to Insurance	100.000	752 Services to Insurance	
631 Real Estate Agents	100.000	772 Real Estate Agents	
632 Real Estate Operators and Developers	99.958	771 Property Operators and Developers	
	0.041	925 Services to the Arts	
633 Technical Services	100.000	782 Technical Services	
637 Legal and Accounting Services	100.000	784 Legal and Accounting Services	
638 Other Business Services	2.086	782 Technical Services	
	12.723	783 Computer Services	
	34.167	785 Marketing and Business Management Services	
	51.022	786 Other Business Services	
639 Plant Hire and Leasing n.e.c.	100.000	774 Machinery and Equipment Hiring and Leasing	
J Public Administration and Defence			
711 Government Administration	100.000	811 Government Administration	
712 Justice	100.000	812 Justice	
713 Foreign Government Representation	100.000	813 Foreign Government Representation	
720 Defence	100.000	820 Defence	

ASIC/ANZSIC CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY INDUSTRY — *continued*

ASIC	Employment ratio		ANZSIC
	%		
K Community Services			
814	Hospitals and Nursing Homes	100.000	861 Hospitals and Nursing Homes
815	Other Health	1.151	283 Photographic and Scientific Equipment Manufacturing
		62.346	862 Medical and Dental Services
		36.502	863 Other Health Services
816	Veterinary Services	100.000	864 Veterinary Services
824	Post School and Other Education	77.159	843 Post School Education
		22.840	844 Other Education
825	Libraries, Museums and Art Galleries	57.626	921 Libraries
		42.373	922 Museums
830	Welfare and Religious Institutions	4.449	871 Child Care Services
		82.047	872 Community Care Services
		13.502	961 Religious Organisations
846	Research and Meteorology Services	92.696	781 Scientific Research
		7.303	782 Technical Services
847	Business and Labour Associations	100.000	962 Interest Groups
848	Other Community Organisations	100.000	962 Interest Groups
849	Other Community Services	27.242	786 Other Business Services
		0.027	872 Community Care Services
		0.069	925 Services to the Arts
		72.660	963 Public Order and Safety Services
L Recreation, Personal and Other Services			
913	Entertainment	31.879	911 Film and Video Services
		26.236	912 Radio and Television Services
		13.396	924 Arts
		5.426	925 Services to the Arts
		23.059	933 Other Recreation Services
914	Sport and Recreation	0.246	774 Machinery and Equipment Hiring and Leasing
		7.771	923 Parks and Gardens
		54.341	931 Sport
		33.882	932 Gambling Services
		3.758	933 Other Recreation Services
923	Restaurants, Hotels and Accommodation	31.550	571 Accommodation
		24.056	572 Pubs, Taverns and Bars
		44.392	573 Cafes and Restaurants
924	Clubs	100.000	574 Clubs (Hospitality)
934	Laundries and Dry Cleaners	100.000	952 Other Personal Services
935	Hairdressers, Beauty Salons	100.000	952 Other Personal Services
936	Other Personal Services	2.774	021 Services to Agriculture
		1.606	863 Other Health Services
		1.037	871 Child Care Services
		0.758	925 Services to the Arts
		93.823	952 Other Personal Services
940	Private Households Employing Staff	100.000	970 Private Households Employing Staff

TABLE 1. EMPLOYED PERSONS BY ANZSIC INDUSTRY DIVISION: ORIGINAL SERIES, REVISED ESTIMATES—continued

Month	Agriculture, forestry and fishing	Mining	Manufacturing	Electricity, gas and water supply	Accommodation			Transport and storage	Government			Health and community services	Cultural and recreational services	Personal and other services			
					Wholesale trade	Retail trade	Restaurants and cafes		Finance and insurance	Property and business services	Government administration and defence				Education		
1992																	
February	405.9	91.0	1,080.9	108.8	517.2	482.9	1,095.6	340.5	369.0	146.9	323.4	622.5	351.8	512.4	692.1	164.3	295.8
May	396.8	88.5	1,083.2	111.5	515.0	487.8	1,110.9	346.0	367.9	132.0	329.4	621.3	350.9	550.7	680.7	158.4	301.8
August	396.2	89.6	1,076.9	104.4	524.0	493.3	1,083.6	337.3	360.4	123.7	331.6	631.1	340.8	557.8	701.3	157.9	307.6
November	417.1	84.5	1,112.1	92.0	526.0	470.7	1,093.6	330.0	348.6	125.6	317.0	632.2	365.2	546.8	696.5	149.5	290.0
1993																	
February	414.3	83.3	1,076.6	97.3	535.0	479.1	1,111.0	334.4	363.2	119.6	312.6	597.9	381.8	523.6	671.0	149.3	289.3
May	388.7	89.6	1,080.4	96.6	547.5	504.5	1,128.1	342.5	359.6	124.1	311.7	602.0	369.2	563.8	685.9	162.0	293.5
August	409.0	90.0	1,061.5	94.8	557.3	507.5	1,073.1	336.6	353.3	122.9	302.8	617.0	389.7	565.2	698.2	158.3	283.5
November	420.9	92.6	1,097.3	93.2	556.5	507.8	1,116.1	348.5	357.9	139.2	323.0	622.3	361.6	562.0	707.1	164.3	298.6
1994																	
February	400.8	86.7	1,098.3	90.4	561.3	498.4	1,118.6	354.2	368.5	140.2	321.1	659.8	365.0	523.5	707.8	167.0	290.3
May	404.0	88.2	1,112.1	90.4	557.1	528.1	1,149.3	350.5	370.5	129.1	321.0	668.1	356.9	558.7	722.9	179.3	292.9

TABLE 2. EMPLOYED PERSONS BY ANZSIC INDUSTRY DIVISION: SEASONALLY ADJUSTED SERIES, REVISED ESTIMATES
('000)

Month	Accommodation										Government				Cultural and recreational services		Personal and other services	
	Agri- culture, forestry and fishing	Mining	Manu- fact- uring	Electric- ity and gas supply	Const- ruc- tion	Whole- sale trade	Retail trade	Restau- rants and cafes	Trans- port and storage	Commu- nication services	Finance and insur- ance	Property and business services	Adminis- tration and defence	Educa- tion	Health and commu- nity services	Health and commu- nity services		Cult- ural and recre- ational services
1984 - November	407.0	93.1	1,142.3	143.9	451.1	412.0	877.4	222.6	341.4	147.1	264.9	402.5	324.0	440.5	548.6	114.0	217.6	
1985 - February	406.9	92.9	1,140.5	128.7	472.9	422.5	876.5	226.6	352.5	150.4	265.5	419.2	324.3	444.8	543.2	117.4	219.4	
May	394.5	93.5	1,126.5	133.7	482.3	413.4	900.1	225.3	360.0	154.6	277.2	434.8	320.4	443.5	527.5	121.8	219.3	
August	424.6	103.4	1,109.3	142.4	480.1	421.3	918.5	217.9	365.8	154.0	281.7	443.9	325.9	449.6	541.5	125.3	217.5	
November	430.0	107.7	1,127.3	144.9	479.2	429.1	936.7	230.7	362.5	151.2	293.9	453.0	324.9	461.6	570.4	133.3	217.9	
1986 - February	422.4	106.6	1,142.1	145.3	463.1	421.3	956.8	231.9	358.4	149.5	301.8	455.1	335.3	452.3	581.5	123.0	224.8	
May	434.4	104.4	1,136.7	143.7	487.3	431.6	978.6	232.4	369.2	152.2	300.2	455.1	334.5	445.2	591.3	125.1	225.9	
August	425.5	97.0	1,126.4	141.2	503.1	425.9	979.5	242.3	385.3	155.1	306.0	457.4	326.9	464.9	571.7	129.4	228.8	
November	424.7	98.8	1,113.0	134.2	497.6	434.7	976.2	244.6	386.5	150.4	303.9	482.9	333.2	474.7	584.1	129.1	236.9	
1987 - February	423.1	102.9	1,123.4	130.8	505.3	438.8	969.9	246.9	372.0	143.4	304.4	490.4	333.9	476.9	597.5	134.1	242.9	
May	414.6	104.0	1,136.4	126.0	506.6	435.5	962.0	256.0	376.4	147.6	312.4	495.2	339.7	480.7	596.5	134.5	245.7	
August	413.1	99.9	1,145.5	122.8	497.5	443.7	981.6	259.3	364.2	145.2	332.2	501.8	354.0	480.1	603.4	133.7	259.2	
November	402.1	99.5	1,166.5	125.5	498.9	440.3	1,019.1	265.1	373.0	144.7	330.3	483.4	348.7	477.2	588.1	138.9	251.7	
1988 - February	430.2	96.0	1,160.1	131.6	508.4	451.7	1,029.1	275.9	384.2	145.9	334.3	502.2	343.9	480.1	591.9	139.8	260.8	
May	428.0	94.3	1,165.4	116.7	523.6	466.4	1,038.6	274.7	377.8	138.5	330.6	527.8	340.6	479.4	614.9	141.5	260.2	
August	440.6	96.4	1,192.6	116.7	538.9	472.0	1,041.3	285.1	366.0	142.3	328.6	539.9	324.7	476.4	628.3	139.2	267.4	
November	433.1	95.2	1,189.8	117.3	566.3	481.5	1,046.1	286.9	372.8	144.6	338.6	548.6	330.8	487.9	633.1	141.3	265.6	
1989 - February	434.3	97.6	1,201.2	120.3	582.4	490.4	1,082.3	285.5	380.7	150.0	351.3	559.0	319.3	482.3	651.3	147.2	255.2	
May	432.4	101.3	1,223.0	122.7	595.3	490.2	1,077.0	291.7	381.3	147.9	351.8	568.1	324.5	491.3	672.9	154.8	257.1	
August	420.1	105.6	1,221.4	115.2	609.9	503.9	1,108.6	295.0	393.8	148.5	347.5	589.7	325.9	503.3	637.0	161.2	267.0	
November	424.3	107.0	1,206.0	109.2	610.0	516.5	1,117.5	306.3	388.0	149.6	354.0	608.3	337.6	514.8	644.3	164.4	276.8	
1990 - February	424.3	102.2	1,192.8	105.5	614.2	507.7	1,118.5	317.8	377.9	144.8	363.8	615.5	348.3	526.1	643.3	153.1	276.9	
May	445.7	99.5	1,184.3	105.3	576.5	515.7	1,130.0	319.9	376.5	152.5	374.4	602.3	364.4	537.4	653.7	151.9	278.2	
August	437.8	95.4	1,182.6	105.4	592.5	511.8	1,104.8	315.2	386.9	155.6	370.2	599.7	367.1	525.7	669.0	147.1	274.9	
November	445.5	95.9	1,153.9	106.0	586.4	508.6	1,108.5	317.7	379.5	153.5	356.5	606.5	366.7	521.7	680.1	145.0	269.0	
1991 - February	430.1	99.0	1,136.3	102.2	567.8	524.7	1,091.5	321.9	383.4	148.2	345.0	606.5	358.8	528.7	672.9	152.2	271.9	
May	427.2	88.8	1,101.0	100.0	545.2	498.6	1,083.8	332.3	388.2	145.9	347.8	616.3	349.2	521.6	690.1	153.7	274.8	
August	416.8	94.0	1,087.6	103.1	512.2	493.1	1,094.5	340.2	383.4	143.3	345.1	615.7	359.8	532.1	693.9	163.1	281.4	
November	411.7	85.9	1,087.1	103.5	525.5	495.4	1,072.1	345.1	379.7	137.9	339.5	613.2	342.7	517.8	702.2	169.4	277.3	

TABLE 2. EMPLOYED PERSONS BY ANZSIC INDUSTRY DIVISION: SEASONALLY ADJUSTED SERIES, REVISED ESTIMATES—continued
('000)

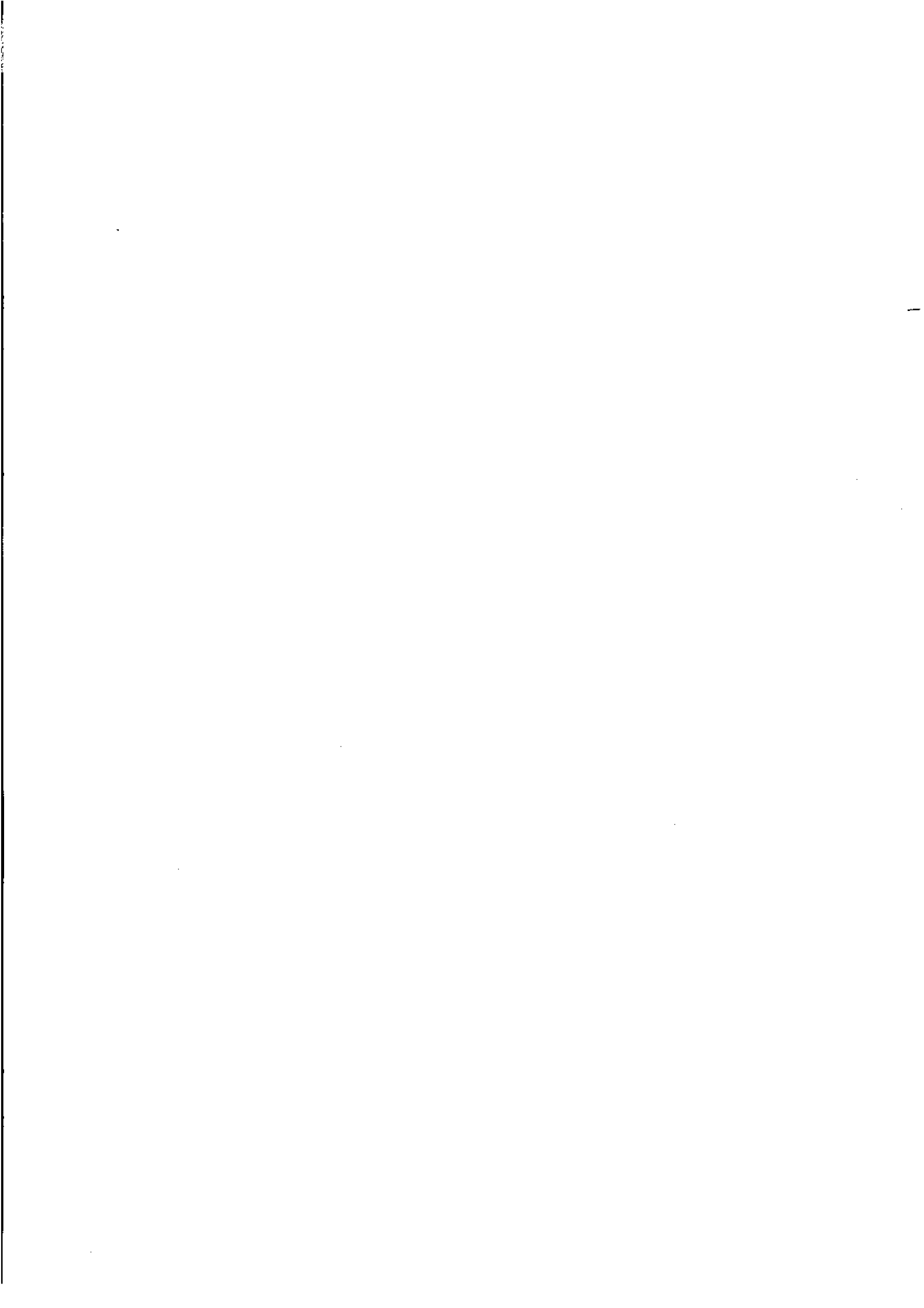
Month	Agriculture, forestry and fishing	Mining	Manufacturing	Electricity and gas and water supply			Construction	Wholesale trade	Accommodation, cafes and restaurants			Transport and storage	Communication services	Finance and insurance services			Property and business services	Government administration and defence	Health and community services	Cultural and recreational services	Personal and other services
				Electricity	Gas	Water supply			Retail trade	Retail trade	Finance and insurance			Finance and insurance	Finance and insurance						
1992																					
February	405.0	88.7	1,083.5	108.7	514.3	486.1	1,094.0	342.4	367.8	145.8	326.7	621.0	348.8	536.3	701.5	165.2	297.7				
May	400.0	88.8	1,085.7	109.9	516.5	481.9	1,100.8	340.9	366.4	132.9	324.9	623.8	347.1	539.9	678.9	157.0	298.9				
August	404.1	89.2	1,082.6	104.2	526.2	493.1	1,097.8	341.8	361.4	127.0	330.3	627.0	344.4	547.6	696.5	159.8	313.0				
November	406.9	85.9	1,101.3	93.3	524.9	473.7	1,091.3	328.8	350.6	122.5	319.1	635.9	368.9	543.5	693.0	148.2	286.6				
1993																					
February	412.2	84.8	1,078.6	97.7	532.8	482.6	1,109.8	336.0	361.6	118.4	315.9	596.4	377.5	548.2	680.4	150.3	289.9				
May	393.9	87.2	1,083.7	95.5	548.7	497.4	1,116.9	338.0	357.3	125.1	307.8	603.6	365.8	553.1	685.3	160.3	290.9				
August	415.8	89.3	1,066.3	94.1	559.2	507.7	1,087.3	340.5	355.6	126.9	301.6	612.8	394.7	554.3	693.0	160.3	289.9				
November	411.3	94.3	1,087.5	94.4	555.4	511.4	1,114.0	347.5	360.0	135.1	324.8	626.9	364.5	558.4	702.9	163.1	294.2				
1994																					
February	397.4	88.3	1,099.7	91.1	559.8	502.1	1,117.3	355.8	366.1	138.6	324.4	658.3	360.6	548.5	717.8	168.1	290.1				
May	411.0	85.8	1,115.8	89.4	557.7	520.0	1,137.9	346.1	367.8	130.2	317.2	668.9	353.9	548.4	722.8	177.1	290.7				

TABLE 3. EMPLOYED PERSONS BY ANZSIC INDUSTRY DIVISION: TREND SERIES, REVISED ESTIMATES
('000)

Month	Agri- culture, forestry and fishing	Mining	Manu- fact- uring	Elec- tricity gas and water supply	Const- ruc- tion	Whole- sale trade	Retail trade	Accom- modation,				Trans- port and storage	Commu- nication services	Finance and insur- ance	Property and business services	Govern- ment adminis- tration and defence	Educa- tion services	Health and commu- nity services	Culti- ural and recrea- tional services	Personal and other services	
								Hotels, cafes and restau- rants	Wholesale trade	Retail trade	Accommodation, cafes and restau- rants										
1984 -																					
November	403.7	91.5	1,146.0	136.9	457.7	415.2	872.6	225.3	343.8	148.0	263.5	405.0	323.5	441.2	546.0	114.3	218.5				
1985																					
February	403.3	93.1	1,135.5	134.5	469.7	416.5	883.5	224.4	351.9	150.9	268.4	419.0	323.1	442.7	538.7	117.4	218.8				
May	407.9	96.6	1,125.0	135.3	479.1	418.8	898.7	223.5	359.5	153.1	275.2	433.0	322.8	446.4	536.9	122.2	218.4				
August	416.6	101.9	1,119.8	139.8	480.3	421.3	917.1	224.0	363.1	153.4	284.1	444.9	324.1	452.0	545.0	126.7	218.2				
November	426.0	106.6	1,126.1	144.7	474.3	424.3	938.6	226.6	361.8	151.6	293.0	451.7	328.5	454.1	565.4	127.9	219.6				
1986 -																					
February	430.0	106.7	1,135.9	145.6	475.1	426.6	958.6	231.1	363.0	151.0	299.4	453.6	331.9	452.8	581.2	126.9	222.5				
May	428.7	102.9	1,135.7	143.8	484.3	427.1	973.9	235.8	371.4	152.5	303.0	455.9	332.4	453.7	583.6	125.9	226.1				
August	427.9	99.6	1,125.6	140.2	495.8	429.9	979.9	239.6	380.4	152.5	303.6	464.1	331.3	461.2	581.8	127.4	230.6				
November	425.3	99.6	1,119.1	135.3	503.4	433.4	975.4	244.4	383.2	150.0	303.4	477.2	330.7	472.1	584.6	130.8	235.6				
1987 -																					
February	421.2	101.7	1,122.3	130.1	504.3	436.5	967.2	249.1	378.0	146.9	307.1	490.8	335.3	478.7	593.0	132.7	242.6				
May	415.0	102.8	1,134.8	125.7	502.7	438.7	969.3	253.8	370.9	145.3	315.5	496.1	342.9	479.8	599.3	134.1	248.8				
August	410.3	101.3	1,149.3	125.2	500.1	439.7	985.9	260.2	369.9	145.8	326.1	493.4	348.5	479.6	596.3	135.7	253.4				
November	412.3	98.5	1,157.6	126.2	500.5	444.1	1,010.4	266.5	374.6	145.2	332.6	493.9	350.1	479.3	592.9	137.8	256.3				
1988 -																					
February	421.7	96.3	1,164.3	125.2	508.0	452.6	1,029.8	272.5	377.9	143.1	332.6	504.1	344.8	478.4	597.6	139.8	258.9				
May	431.6	95.2	1,172.4	121.0	522.8	463.0	1,036.6	278.6	376.3	141.4	330.2	522.1	337.3	478.9	610.1	140.3	262.7				
August	436.5	95.0	1,182.2	117.1	542.3	473.8	1,042.8	282.9	372.1	142.0	332.3	539.4	330.6	480.3	624.7	140.1	265.2				
November	436.2	95.9	1,194.4	117.6	563.0	481.4	1,054.0	285.7	372.0	145.0	339.4	549.3	325.3	482.1	640.5	142.1	262.4				
1989 -																					
February	433.9	98.0	1,206.8	120.5	582.3	487.3	1,069.8	287.7	378.2	148.0	347.2	558.2	322.6	485.7	652.6	147.4	258.7				
May	428.9	101.7	1,216.7	120.1	597.2	495.4	1,088.1	290.3	385.7	149.1	350.4	571.8	323.1	492.2	656.3	155.2	259.3				
August	423.7	105.1	1,218.5	115.8	608.8	503.6	1,103.4	297.1	388.9	148.5	350.8	590.2	327.3	502.2	650.1	160.7	266.3				
November	423.4	105.7	1,208.0	110.0	611.0	510.5	1,116.3	307.0	386.1	147.6	355.2	605.6	337.4	515.9	642.2	160.8	274.3				
1990 -																					
February	429.4	103.1	1,195.8	106.0	603.1	513.7	1,123.2	315.1	381.6	148.6	364.6	610.4	350.0	527.0	643.9	156.5	278.2				
May	438.3	99.0	1,186.4	105.2	593.4	512.0	1,120.7	318.3	379.4	151.5	371.1	606.5	361.6	530.9	656.0	150.6	277.2				
August	442.5	97.1	1,176.0	105.4	587.6	513.0	1,113.8	317.4	380.8	153.9	367.8	602.3	367.4	529.0	666.7	147.1	273.9				
November	440.6	96.2	1,157.4	104.5	582.4	515.1	1,102.5	317.9	383.1	153.2	357.9	603.8	364.8	525.0	675.1	147.1	271.3				
1991																					
February	433.6	95.3	1,131.0	102.6	566.8	511.9	1,094.1	323.2	384.5	149.6	349.3	609.4	359.5	524.7	680.5	149.8	272.0				
May	425.8	93.2	1,106.0	101.3	542.4	505.0	1,088.1	331.8	385.6	145.2	346.1	613.2	354.7	525.4	686.9	156.1	274.4				
August	417.7	90.3	1,090.3	102.0	524.6	496.6	1,083.4	339.6	384.0	142.9	343.7	615.0	351.3	525.0	696.2	163.1	278.4				
November	410.8	88.5	1,084.3	105.1	516.4	489.8	1,084.9	343.4	377.9	142.0	337.2	616.6	349.1	526.5	699.6	166.2	283.8				

TABLE 3. EMPLOYED PERSONS BY ANZSIC INDUSTRY DIVISION: TREND SERIES, REVISED ESTIMATES—continued
('000)

Month	Agriculture, forestry and fishing	Mining	Manufacturing	Electricity and gas and water supply			Construction	Wholesale trade	Accommodation, cafes and restaurants			Transport and storage	Government administration and defence			Health and community services	Cultural and recreational services	Personal and other services
				Electricity	Gas	Water supply			Hotels, motels, guest houses, boarding houses, and other accommodation	Cafes and restaurants	Retail trade		Finance and insurance	Property and business services	Education			
1992 —																		
February	404.7	88.4	1,083.3	108.4	516.4	488.4	1,090.6	344.0	371.2	139.8	330.4	619.0	345.7	532.8	695.5	165.3	294.0	
May	402.1	88.5	1,085.5	107.7	519.0	486.0	1,095.5	341.5	364.5	134.9	326.9	626.1	345.3	540.0	691.9	160.5	302.2	
August	404.4	88.1	1,088.5	103.1	521.4	482.7	1,097.6	337.4	359.3	127.5	325.2	628.7	353.4	544.9	690.0	154.8	302.2	
November	406.1	86.4	1,090.3	97.9	527.1	481.2	1,100.8	334.5	357.0	121.7	321.7	621.3	362.4	546.2	688.5	151.8	295.4	
1993 —																		
February	405.8	85.7	1,085.3	95.4	536.0	484.8	1,104.7	334.1	356.5	120.7	313.4	609.5	373.1	548.5	686.0	152.6	289.8	
May	406.7	87.1	1,077.5	95.3	546.8	495.5	1,105.5	336.9	357.1	123.2	307.7	602.9	379.4	552.4	685.1	156.4	289.0	
August	407.5	89.3	1,075.4	94.9	555.6	505.2	1,103.7	342.8	357.9	129.1	310.5	611.3	378.2	555.4	692.6	160.7	291.6	
November	407.6	89.9	1,084.7	93.1	557.9	510.7	1,105.2	346.9	359.9	133.7	317.8	629.6	371.7	554.8	706.2	164.1	291.3	
1994 —																		
February	407.5	88.5	1,100.9	91.7	557.7	510.7	1,119.7	350.2	364.3	134.6	322.0	651.8	361.1	551.1	714.6	168.8	290.8	
May	405.5	86.5	1,113.7	90.8	561.7	502.4	1,145.2	354.6	368.8	135.4	318.9	679.3	353.2	547.4	713.0	175.5	293.1	



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