

VOORBURG GROUP ON SERVICE STATISTICS

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**THE USE OF THE CPC IN AUSTRALIAN BUREAU OF
STATISTICS WHOLESALE, RETAIL AND SERVICE
INDUSTRIES SURVEYS**

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THE USE OF THE CPC IN ABS WHOLESALE, RETAIL AND SERVICE INDUSTRIES SURVEYS

1. The table attached to this paper sets out the experience ABS has gained with the use of the CPC in its 1991-92 Retail, Wholesale and Service Industries surveys in the tourism related industries. It also covers the findings from the forms development work we have undertaken with respect to our 1992-93 Service Industries surveys of the professional and business industries.

2. As outlined in our paper to last year's Voorburg Group meeting, Australia uses the CPC group level as its starting point in the development of surveys in the services sector. Generally speaking we have found the CPC at that level to be reasonably good; at lower levels we have found that there is a need to deviate from it, either to better meet user needs or to enable reporting of data by businesses.

3. Readers are encouraged to read the detail shown in the attached table and ABS would appreciate finding out about other countries experiences in this area. In an attempt to summarise however we have found that for 8 of the CPC groups there needs to be a different classification at the lower level. These are in CPC Groups:

612 Sale and maintenance etc. of motorcycles and snowmobiles where we don't feel the dissection is necessary.

641 Hotel and other lodging services where the lower level classification is really an industry classification.

642 Food serving services and 643 Beverages serving services for consumption on the premises where we feel that the dissections are both uncollectable and unnecessary. There are better dissections available.

861 Legal services, 862 Accounting services and 871 Advertising services where we feel that a different dissection is more appropriate.

4. In the case of CPC 867 Architectural, engineering and other technical services we feel that there is a need to split this into 3 separate groups with a different dissection at the lower level.

5. ABS also agrees that the revised computer services group (CPC 841) is more appropriate. As well the Statistics Canada modified version for Consulting Engineers (CPC 862,3) is better than the current CPC.

6. In other cases ABS recommends that there be some changes at the sub- class level of the CPC.

7. In some of the cases Australia is still only in the development stage of its collections. Therefore our view may change as a result of the experience we gain in the collection phase. ABS will provide an update on these experiences for next year's meeting.

Australian Bureau of Statistics
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USE OF CPC IN AUSTRALIAN BUREAU OF STATISTICS WHOLESALE, RETAIL AND SERVICE INDUSTRIES SURVEYS

| Group | CPC Class | ABS Collections | Variation |
|-------|---|---|---|
| 611 | Sale, maintenance, repair etc of motor vehicles | | |
| 6111 | Sales of motor vehicles | Motor vehicles sold to Govt and other businesses | ABS uses a finer split to assist in getting a clear distinction between wholesale and retail sales. |
| | | New cars and passenger vans sold to the general public | CPC does not differentiate between new and used cars. |
| | | Sales of new commercial vehicles | CPC includes caravans and trailers in this class. ABS has them with recreational goods. |
| | | Sales of used cars and passenger vans to the general public | |
| | | Sales of used commercial vehicles | |
| 6112 | Repair Services | Income from smash repairs | The finer dissection used by ABS supports ANZSIC split into 3 categories of Repair Services and reflects user demand. |
| | | Income for auto electrical services | |
| | | Income from other motor vehicle repairs and services | |
| 6113 | Sales of parts and accessories | New parts and accessories for motor vehicles | The finer dissection used by ABS supports 3 ANZSIC classes and reflects user demand. Batteries are primary to auto electrical services and are included in the repair services group. |
| | | Used parts | |
| | | New and used motor vehicle tyres and tubes | |
| | | Batteries | |
| 612 | Sale and maintenance etc of motorcycles and snowmobiles | Motorcycles, parts and accessories | ABS does not split the sale and maintenance of motorcycles. |
| 6121 | Sale of motorcycles etc | | |
| 6122 | Maintenance and repair of motorcycles etc | | |
| 613 | Retail sales of motor fuel | Petrol, oils and motor lubricants | |

**Group CPC
Class**

ABS Collections

Reason for variation

621 Commission agents' services

6211 Commission Agent services)
)

Sole commission agents
Other commission agents

622 Wholesale Trade Services

6221 Wholesale trade services
of agricultural raw
materials and live animals

Wool, Wheat, Hides,
Livestock, Fertiliser,
Stock feed (6 separate items)

6222 Wholesale trade services of
food, beverages and tobacco

Meat, Poultry, Cheese, Seafood,
Fruit and vegetables,
Confectionery, Soft drinks,
Beer, wine and spirits, Coffee,
Tobacco. (10 separate items)

6223 Wholesale trade services of
textiles, clothing and
footwear

Mens and boys clothing,
Womens and girls clothing,
Footwear, Fabrics and textiles
(4 items)

6224 Wholesale trade services of
household appliances,
articles and equipment

Audio and visual appliances,
Furniture, Mattresses, Blinds,
Floor coverings, China,
Glassware, Cutlery (8 items)

6225 Wholesale trade services of
pharmaceutical and medical
goods and cosmetics

Medical and pharmaceutical
products, Soap and detergents,
Toiletries, Perfumes and cosmetics
(4 items)

6226 Wholesale trade services of
miscellaneous consumer goods

Cameras, Watches and clocks,
Sporting goods, Toys and games,
Writing equipment, Books, Paper and
paper products (7 items)

6227 Wholesale trade services of
intermediate products other
than agricultural

Refined petroleum, LPG, Iron and
steel, Iron ore, Metal scrap,
Industrial gases, Explosives (7 items)

6228 Wholesale trade services of
machinery, equipment and
supplies

Agricultural machinery and equipment,
Construction and earth-moving equipment,
Materials handling equipment,
Computers, Commercial and service
machinery (5 items)

ABS collections concord with
the CPC at the class level, but
not at the sub-class level.
The further commodity breakdown
from the class level were
agreed upon after consultations
with relevant users. It was
decided that this was more
appropriate to Australian
conditions.

| | | | |
|------|--|--|--|
| 631 | Food retailing services | <p>Fresh meat, fish and poultry</p> <p>Fresh fruit and vegetables</p> <p>Confectionery</p> <p>Breads, cakes and pastries</p> <p>Takeaway food, ice cream etc (for immediate consumption)</p> | <p>ABS has a similar dissection to CPC at the class level.</p> <p>The differences are :-</p> <ul style="list-style-type: none"> * CPC splits fish from meat and poultry * CPC has category dairy products & eggs * CPC combines soft drinks with liquor. ABS includes soft drinks with takeaway food etc. |
| | | <p>Other food items</p> <p>Beer, wine and spirits</p> <p>Tobacco and tobacco products</p> <p>Food and non-food groceries</p> | <p>NOTE: CPC Subclass 63109 reads like an industry description.</p> <p>ABS includes non-food groceries under the broader heading Food and non-food groceries.</p> |
| 632 | Non-food retailing services | | |
| 6321 | Pharmaceutical, medical goods and cosmetics | <p>Prescription drugs and medicines</p> <p>cosmetics, perfumes and toiletries</p> | <p>This class aligns well with ABS categories.</p> |
| 6322 | Textiles, clothing, footwear and leather goods | <p>Men's clothing and accessories</p> <p>Women's clothing and accessories</p> <p>Children's and infants' clothing</p> <p>Footwear</p> | <p>CPC Subclass 63224 (leather goods other than clothing and travel accessories) are not collected separately by ABS.</p> |
| | | <p>Fabrics and other soft furnishings</p> | <p>ABS includes Curtains (CPC Subclass 63236) Wallpaper (CPC Subclass 63291p) with Fabrics etc.</p> |
| 6323 | Household appliances, articles and equipment | <p>Furniture</p> <p>Domestic appliances</p> <p>Kitchenware, china and glassware</p> <p>Electronic entertainment equipment</p> <p>Recorded music</p> | <p>CPC combines electronic entertainment equipment, recorded music and instruments under Subclass 63234.</p> <p>ABS does not collect "articles of lighting" CPC Subclass 63235. These are considered wholesale. No identified demand for Subclass</p> |

CPC
Group Class

ABS Collections

Variation

| | | |
|---|---|---|
| 6324 Hardware, paints | Hardware | No identified user demand for a finer dissection as these articles are considered to be wholesale. |
| 6325 Office equipment, books, newspapers etc | Books, newspapers, etc | Office supplies (CPC 63251) are considered to be wholesale. |
| | Personal computers | |
| | Photographic equipment and supplies | |
| 6329 Other specialised non-food products | Floor coverings | The cleaning materials part of CPC sub-class 63291 are included with other non-food; Wallpaper is included with Fabrics and other soft furnishings. |
| | Sporting and camping equipment | |
| | Toys and games | |
| | Watches, clocks and jewellery | |
| | Caravans and trailers | Under CPC caravans and trailers are included with sales of motor vehicles (CPC 6111). |
| | Boats, boat trailers and marine accessories | |
| | Garden supplies and equipment | |
| | Flowers and other florist's supplies | |
| | Antiques and used goods | There does not appear to be a category in the CPC for used goods. |
| 633 Repair services of personal and household goods | Income from provision of services and repairs | |

| Group | CPC Class/Sub-class | ABS Collections | Reason for variation |
|-------|---|---|--|
| 641 | Hotel and other lodging services | | ABS did not use the class or subclass CPC classification as it was felt that it was more appropriate to classify the business unit rather than subdivide the commodities. Further the 5 digit sub-classes within "other" were not appropriate for Australia. |
| | 6411 Hotel lodging services) | | |
| | 6412 Motel lodging services) | Takings from accommodation | |
| | 6413 Other lodging services) | | |
| 642 | Food serving services | | There was no requirement for any data at lower than the group level. If a split was requested it would have been undertaken similarly to 641 above. ABS would consider a breakdown by "type of food" to be more appropriate than the draft CPC. |
| | 6421 Meals serving services with full restaurant service) | | |
| | 6422 Meals serving services in self-service establishments) | Takings from meals | |
| | 6423 Caterer services, providing meals to outside) | | |
| | 6429 Other food serving services) | | |
| 643 | Beverages serving services for consumption on the premises | | Collecting income from the class CPC breakdown of beverage serving services was not considered feasible. The user requirement was to dissect the commodity with/without food rather than with/without entertainment. |
| | 6431 Beverages serving services without entertainment) | Sales of wine, beer and spirits consumed on the premises with food | |
| | 6432 Beverages serving services with entertainment) | Sales of wine, beer and spirits consumed on the premises without food | |
| 964 | Sporting and other recreational services | | |
| | 96492 Gambling and betting services) | Takings from poker machines | Income from gambling is significant in Australia in these industries. The CPC needs revision to subdivide the current item by the major types of gambling. |
| | | Takings from keno | |
| | | Takings from casino gambling | |

NB: Only part of CPC group 964 was included. ABS collection was limited to Clubs (Hospitality), Hotels and Casinos.

Group CPC
Sub-class

ABS Collections

Reason for variation

822

Real estate services on
a fee or contract basis

82201 Residential property
management services on
a fee or contract basis)

Income from residential
property management

82202 Non-residential
property management
services on a fee or
contract basis)

Income from non-residential
property management
- Commercial/Industrial
- Retail
- Other

Industry users requested a
further breakdown of non-
residential income.

Income from rural property
management

Rural properties tend to
combine both residential
and non-residential
functions.

Income from property valuation

82203 Residential buildings
and land sale on a fee
or contract basis)

Income from sales of
residential properties

82204 Residential vacant land
sale on a fee or
contract basis)

Income from sales of vacant
residential land

82205 Non-residential building
and land sale on a fee
or contract basis)

Income from sales of
non-residential properties
- Commercial/Industrial
- Retail
- Other

as above

Income from sales of rural
properties

as above

82206 Non-residential vacant
land sale on a fee or
contract basis)

Income from sales of vacant
non-residential land

(Note: ABS is currently
surveying this industry.
These notes represent
results from pilot testing
only)

CPC
Group Class/Sub-class

ABS Collections

Reason for variation

831 **Leasing or rental services
concerning machinery and
equipment without operators**

83101 Leasing or rental
services concerning
private cars without
drivers

Takings from motor
vehicle hire or rental
of cars

ABS did not try and
differentiate between private
and business cars. ABS is not
sure if this was the intention
in the CPC by the use of the
word "private". *W*

83102 Leasing or rental
services concerning
goods transport vehicles
without drivers

Takings from motor
vehicle hire or rental
of trucks

NB: Only part of CPC group 831 was included. ABS collection was limited to short term motor vehicle rental.

Revised Model survey CPC
Group Class

ABS Collections

Reason for variation

841 Packaged software products (own design)

| | | | |
|------|---------------------------------|---|------------------------------------|
| 8410 | Systems and user tools software |) | Income from packaged Software |
| | |) | - Applications |
| | |) | - Systems management and utilities |
| 8420 | Application software |) | - Tools |
| | |) | - Other |

A further breakdown from the class level was required by industry users.

842 Professional computer services

| | | | |
|------|---|---|--|
| 8421 | Consultancy related to the installation of hardware |) | Computer Services |
| | |) | - Installation and cabling services |
| 8422 | Systems and technical consulting |) | - Systems analysis, design and programming |
| | |) | - Systems integration |
| 8423 | Custom software development |) | |
| 8424 | Programming services |) | |
| 8425 | Computer facilities management services |) | - Facilities management |
| 8426 | Systems maintenance |) | - Software maintenance |
| 8429 | Other professional computer services |) | |

Professional is deemed antiquated. Changing emphasis slightly to recognise that computer services is more than just software, i.e. bundled commodity.

843 Computer processing services

| | | | |
|------|---|---|--|
| 8431 | Data processing and tabulation services |) | Data entry, processing and time sharing services |
| 8432 | Data entry services |) | |
| 8439 | Other computer processing services |) | |

As computer processing services are decreasing in significance in the industry only one category was deemed necessary.

844 Data base services

Information network and data base services

845 Computer repair and maintenance services

Hardware servicing, repairs and maintenance

849 Other computer services

Other computer services
Training and education

Training and education is seen as a growth area within the industry. It was therefore decided to include a separate category to measure this.

Group CPC
 Sub-class

ABS Collections

Reason for variation

861

Legal services

| | | | |
|-------|--|---|--|
| 86111 | Legal advisory and representation services concerning criminal law |) | Income from legal services |
| | |) | - Criminal law |
| 86119 | Legal advisory and representation services in judicial procedures concerning other fields of law |) | - Conveyancing |
| | |) | - Commercial, finance and business law |
| | |) | - Family law |
| 86120 | Legal advisory and representation services in statutory procedures of quasi-judicial tribunals, boards, etc. |) | - Environmental law |
| | |) | - Other litigious legal services |
| 86130 | Legal documentation and certification services |) | - Other non-litigious legal services |
| | |) | |
| 86190 | Other legal advisory and information services |) | |

ABS concords at the group level, but requires a different class structure to meet Australian conditions.

(Note: The ABS is currently surveying this industry. These notes represent results from pilot testing only)