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***Review of the Australian Bureau of Statistics ICT  
Sector Definition: A proposed strategy***

**International Telecommunication Union World Telecommunications/ICT  
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## **PART A: INTRODUCTION**

### **Scope of Paper**

1. The purpose of this paper is to provide information regarding a review of the Information and Communication Technology (ICT) sector definition currently being undertaken by the Australian Bureau of Statistics (ABS). The review has largely been prompted by revisions to the Australian and New Zealand Standard Industrial Classification (ANZSIC), which underpins the ABS ICT sector definition, which in turn defines the scope of the ICT Industries Survey (ICTIS). The paper sets out the current ABS definition and compares it to the broader approach taken by the Organisation for Economic Co-operation and Development (OECD). The proposed ABS ICT sector is presented along with a discussion on underlying methodological, conceptual and practical issues. The ABS is currently considering feedback on the proposals in this paper received from users of ABS ICT statistics and those interested in the subject. This paper is largely adapted from a discussion paper on the subject circulated to users of ABS statistics for presentation at the International Telecommunication Union World Telecommunications ICT Indicators (WTI) meeting, Geneva, 11-13 October 2006. Since the review is not yet complete the ABS would welcome comments from the international community.

2. The paper provides the conceptual framework, and background information, for reviewing the scope of ICT industry, using OECD guiding principles as the starting point. Changes relating to ICT industries in ANZSIC 2006 are discussed and broad implications identified. The methodology for the review is explained, and some difficult and boundary issues relating to coverage and methodology are also discussed. The diagrams included in the paper and the appendices provide relevant details on classifications and concordances.

## **PART B: BACKGROUND TO THE REVIEW**

3. Release of ANZSIC 2006 in February 2006, introduced significant changes to the classification of ICT industries. In this section of the paper, major changes to ICT industries in ANZSIC 2006 are discussed, and broad implications are identified. These changes present opportunities for enhancing the relevance of the ICT sector definition.

4. This review also coincides with revisions to the following major international industry and product classifications:

- International Standard Industrial Classification of All Economic Activities (ISIC), Rev.4
- Central Product Classification (CPC), Ver.2
- Harmonised System (HS) 2007

5. The United Nations Statistical Commission has approved the revised classification structures for ISIC and CPC, while the HS 2007 has been finalised and will be implemented by ABS from 1 January 2007. The most recent OECD definition of the ICT sector is based on ISIC Rev. 4, while the most recent OECD definition for ICT products is based on CPC 2.0. The proposals in this paper regarding the Australian ICT sector take into account the changes to these international classifications as well as the OECD position.

## **ANZSIC 2006 release: broad implications for the ICT sector definition**

### **Background**

6. The ANZSIC has been developed for use in compilation and analysis of industry statistics in Australia and New Zealand.
7. The ABS and Statistics New Zealand have jointly developed this classification to improve the comparability between the two countries and with the rest of the world.
8. The 2006 edition of the ANZSIC has replaced the 1993 edition, which was the first edition produced jointly with NZ, and reflects a substantial review of the classification, the purpose of which was to ensure that it remained current and relevant, reflecting the changes that have occurred in the structure and composition of industries and changing user requirements.

### **Major changes at broad level**

9. The ANZSIC is a hierarchical classification with four levels, namely Divisions (the broadest level), Subdivisions, Groups and Classes (the finest level). At the Division level, the main purpose is to provide a limited number of categories which provide a broad overall picture of the economy and are suitable for the publication of summary tables in official statistics. The Subdivision, Group and Class levels provide increasingly detailed dissections of these categories for the compilation of more specific and detailed statistics.
10. ANZSIC 2006 separately identifies 19 Divisions, compared with 17 in ANZSIC 1993. At the Subdivision level, ANZSIC 2006 identifies 86, compared with 53 in ANZSIC 1993. The substantial increase in the number of subdivisions was driven by improvements made to the international comparability of the classification at this level, and the identification of economic activities with significant differences in their production functions (a term used to describe the transformation of intermediate inputs, through the application of labour and capital, to produce outputs) at higher levels of the classification. Considerable change has also occurred at the lower levels of the classification, facilitating introduction of industry classes such as Computer and peripherals retailing.
11. ICT related classifications have undergone major changes in ANZSIC 2006, especially for the service industries. These changes are discussed in the following sections of this paper, and details are provided in the appendices to this paper. Identified as a rapidly growing sector in the Australian and New Zealand economies since the last review, a new Information Media and Telecommunications Division has been created. Also, the very large Property and Business Services has been rearranged into three new divisions in ANZSIC 2006, one of which (Professional, Scientific and Technical Services) includes the new subdivision Computer System Design and Related Services.
12. Several old classes, such as Telecommunication Services, have been split into finer levels (Wired Telecommunication Network Operation, other Telecommunication Network Operation and three more classes).
13. At the detailed level, in line with technological development, and changes in structure and composition of industrial and business activities in Australia and New Zealand, ANZSIC 2006 incorporates a range of new or updated ICT related activities within relevant industry classes. These changes ensure that the classification remains current and relevant

14. International comparability of ANZSIC 2006 has also been enhanced by aligning it as far as possible with the upcoming ISIC Revision 4 and other national classifications such as the North American Industry Classification System (NAICS) 2002 at the subdivision level. In the ANZSIC review, close consideration was given to the work undertaken in recent years on the ISIC and NAICS. Australia and New Zealand have been involved in international meetings reviewing the bases of these classifications. To the extent considered appropriate to Australian and New Zealand conditions, ANZSIC 2006 therefore reflects the latest international work on industrial classifications.

#### **Specific changes for ICT industries**

15. The changes noted above, as they affect ICT activities, can be seen in the detailed concordances for ICT related industry classes provided in **APPENDICES B and C** respectively. **APPENDIX D** provides primary activities and exclusions for industries which potentially have ICT activities.

16. In terms of numbers, based on work done so far, the number of classes in ANZSIC 06 which potentially include ICT activities far exceed the 13 ANZSIC 1993 classes currently included in the ICT industries survey.

#### **Opportunities for ICT statistics**

17. Establishing a current and relevant list of ICT goods and services, and ICT industries has always been difficult. In addition to the rapidly changing characteristics of ICT goods and services, the dated nature of current product and industry classifications has been a significant hindrance. With new ICT products and services being continually developed in line with technological innovations at a rapid pace, this has been a constant challenge for statisticians and users of ICT data, who require data to be comparable over time, and to be able to link domestic production data with international trade data. The release of reviewed national classifications such as ANZSIC 2006, and impending release of international product classifications such as CPC version 2.0 and Harmonized System 2007 and industry classification such as ISIC Rev. 4 (with which ANZSIC is aligned as far as possible), has presented opportunities for improving the relevance of ICT statistics.

### **PART C: BACKGROUND TO, AND GUIDING PRINCIPLES FOR ICT SECTOR DEFINITIONS**

18. Over the years, the OECD's Working Party on Indicators for the Information Society (WPIIS) has made significant contributions to the field of ICT statistics through development of agreed definitions, standards and classifications. In this section of the paper, the background to, and guiding principles for, development of definitions, standards and classifications relating to the ICT sector by WPIIS are discussed. The ABS adaptations of these guiding principles are also described in this section.

## Background of ICT sector definition

### OECD definition of the ICT sector

19. In 1997, in response to a growing demand for data relating to ICT, OECD member countries convened an ad-hoc statistical group to start to develop indicators for the Information Society. In 1999, this group became the Working Party on Indicators for the Information Society (WPIIS). WPIIS has made significant contributions to the field of ICT statistics through development of agreed definitions, standards and classifications.

20. In 1998, OECD recognised that the ICT sector ought to be defined as an industrial sector, comprising manufacturing and service industries that capture, transmit and display data and information electronically. The definition was based on ISIC Rev 3.

21. OECD member countries recognised in 1998 that the preferred way of identifying an ICT sector would have been to firstly define ICT goods and services, and then to formulate the ISIC classes that had activities involving these goods and services. However, in order to expedite the work, the approach taken was to first define the activities (industries), and subsequently work on a list of ICT goods and services that could complement and help to refine the activity-based definition.

22. Principles underlying the choice of the activities included in the ICT sector definition were agreed upon as follows:

For manufacturing industries, the products of a candidate industry

- **must be intended to fulfil the function of information processing and communication including transmission and display, OR**
- **must use electronic processing to detect, measure and/or record physical phenomena or to control a physical process.**

For services industries, the products of a candidate industry

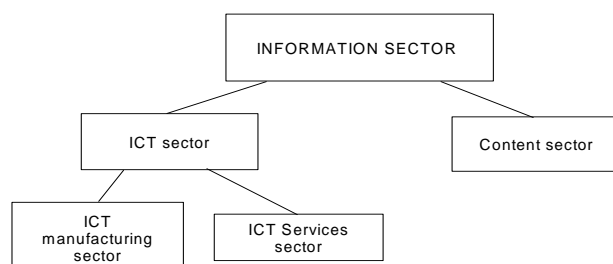
- **must be intended to enable the function of information processing and communication by electronic means.**

23. The initial 1998 ICT sector definition was revised in 2002 in line with the revised ISIC 3.1, which separated ISIC Rev 3 class 5150 (wholesale of machinery, equipment and supplies into several new classes including 5151 (Wholesale of computers, computer peripheral and software) and 5152 (Wholesale of electronic and telecommunications parts and equipment).

24. The 2002 definition is the current OECD ICT sector definition and this includes a wider range of products (goods and services) produced and, consequently, industries involved in ICT activity. The OECD ICT sector definition will hereafter be referred to as the **broad definition** in this paper.

25. The ICT sector can also be viewed in terms of a wider Information sector, which can be defined as the sum of two constituent sectors - the ICT sector and the Content sector. The ICT Sector, in turn, comprises ICT manufacturing and ICT services. Thus in an expanded form, the Information Economy sector is the sum of the ICT manufacturing, the ICT services and the Content sectors. **Diagram 1** below depicts the Information sector.

## DIAGRAM 1: The Information Sector



26. Note: Discussion of details relating to ICT goods and services is outside the scope of this paper. The ABS will consider the above guiding principles (as well as some recent modifications proposed) for identifying ICT goods and services relevant to the Australian context. OECD's proposed new definitions for ICT goods and services will also be considered.

27. The ISIC industries included in the current 2002 version OECD ICT sector definition, and the correspondences with ANZSIC 1993 industries, including reasons for exclusion in ABS ICT Industry surveys, are listed in **Table 1 of Appendix F**.

28. The OECD is currently conducting a review of the ICT sector definition, in line with ISIC Rev 4. The proposed definition reflects finer ICT activities classification in ISIC Rev 4 as well as inclusion of activities which did not exist in ISIC Rev 3.1. **Appendix A** provides the proposed ISIC Rev. 4 based list along with correspondences with ISIC Rev. 3.1 and ANZSIC 2006.

### Current (narrower) ABS definition of the ICT sector

29. The current definition draws on, but is not identical to, the current OECD definition for the ICT sector mentioned above, however, it is fair to say that the ABS definition is narrower than the current OECD definition.

30. The Australian sector draws together a number of standard industries from the ANZSIC with ICT activity. Correspondence of these ANZSIC classes with the international classification, ISIC Rev 3.1, is also indicated in **Table 1 of Appendix F**. This table also identifies the ANZSIC industries which are currently regarded as ICT specialists. Issues relating to definition of ICT specialists and rules for determining the specialisation status will be discussed in paragraphs 47 to 51 of this paper.

31. It is important to distinguish between the current **scope** of the ICT industry survey and the current ABS ICT sector **definition**.

32. Some illustrative charts have been used in this paper to present these distinctions. In the charts, the area within the dotted inner oval represents a notional IT specialisation space. For example, a class wholly within the inner oval represents industries where all primary activities are ICT related, whereas classes which are only partially within the inner oval represents industries where only part of the activities are ICT related.

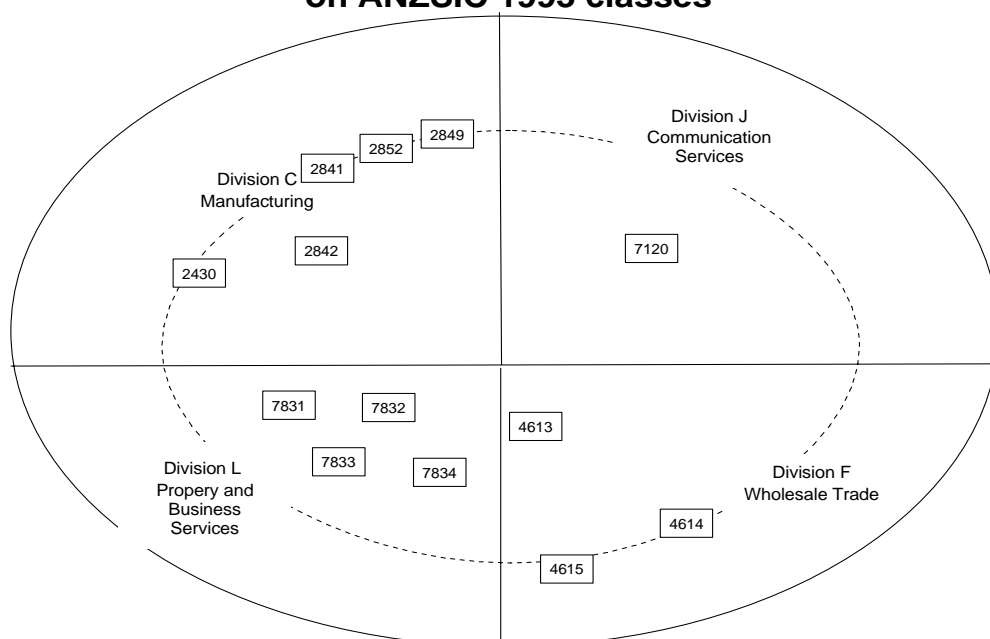
33. **Tables 2 and 3** of the **Appendix F** relate to the following charts 2 and 3, and categorise the ANZSIC classes shown in the charts into three groups

- All activities in scope
- Majority of activities in scope
- Some activities in scope

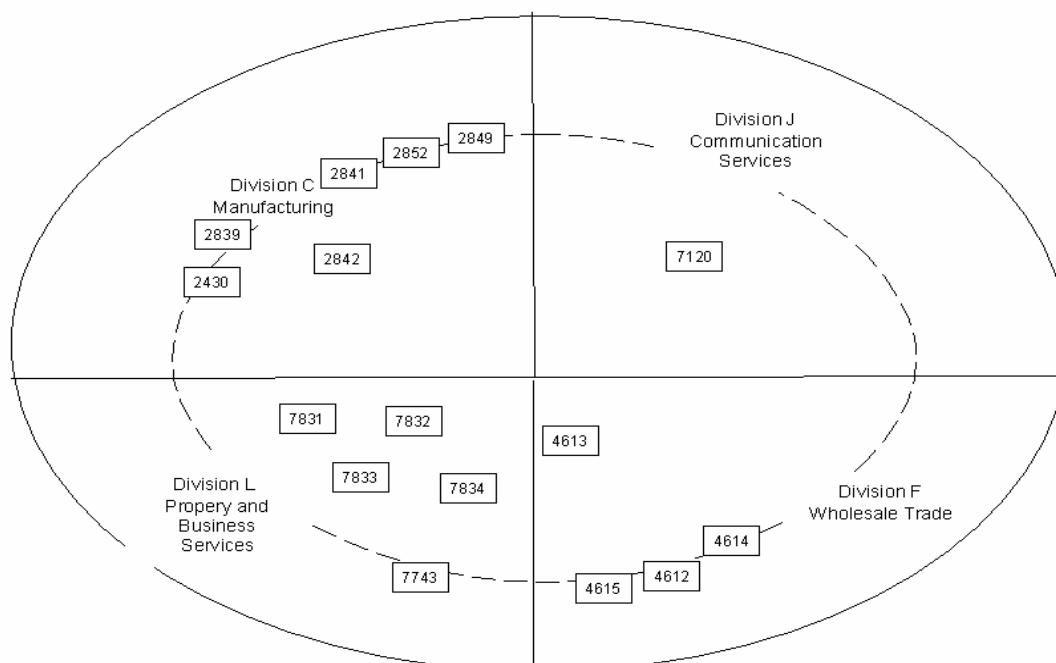
34. Classes with all activities in scope and the majority of activities in scope generally have significant ICT activity, and the titles (such as Class 2841 Computer and Business Machine Manufacturing) are indicative of the activities of units coded to these industries. However, it might not be clear why some classes (such as Antiques and used goods retailing) are included in the charts. **APPENDIX E** provides information regarding ICT activities in such classes.

35. The **current scope** of the ICT industry survey is presented in **Chart 1** while, the current definition of the ICT sector is presented in **Chart 2**. Both the charts are based on ANZSIC 1993 classes. **Chart 1** reflects the scope of the current ICT Industry survey, and does not include all classes that fall within the current ABS definition. For example, class 7743, plant hiring and leasing, although containing computer renting as an activity, which is certainly an ICT related one, was not considered to be in scope of ICTIS, because of the very low ICT specialisation ratio for this class. It should be noted that the scope of ICTIS has remained practically unchanged since the inception of the survey in 1992-93 and covers the “core” ICT activity.

**Chart 1 :Current scope of ICT Industry Survey based on ANZSIC 1993 classes**



**Chart 2 :Current ABS ICT Industry Sector definition based on ANZSIC 1993 classes**



## **PART D: METHODOLOGY ADOPTED FOR ABS REVIEW OF ICT SECTOR DEFINITION**

36. The broad steps followed for conducting the review are outlined below:

Step 1. The current OECD definition for ICT industries, referred to as the broad definition, was used as a starting point.

Step 2. Using in scope ANZSIC 1993 classes, a list of corresponding ANZSIC 2006 classes that clearly fall within the definition, and those that may fall within it were identified.

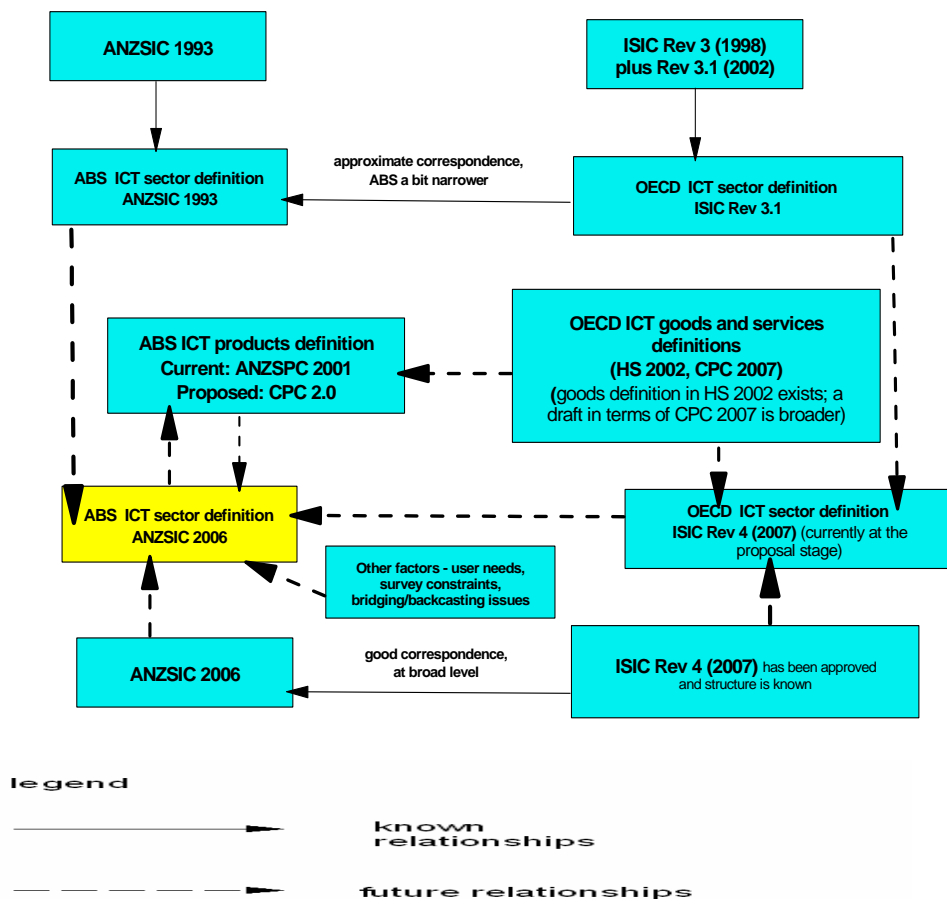
Step 3. Some other ICT industries, not in ANZSIC 93 and thus not identifiable through step 2 above, were then identified.

Step 4. In the absence of a revised and internationally agreed classification for the ICT sector yet, the ABS has considered the draft OECD proposal based on International Standard Industrial Classification of All Economic Activities (ISIC), Rev.4

37. Some consultations with key external users have been made to establish the preferred ICT sector definition. User needs emerging from these consultations as well as comments received on this discussion paper will be weighed against cost and sample constraints to determine a practical scope for the ICT industry.

38. The following **diagram 2** depicts the proposed ANZSIC 2006 based ABS ICT sector definition in a historical and international context. A range of national and international classifications, including recent releases, have been considered for arriving at a proposed definition.

**DIAGRAM 2: ABS ICT sector definition in a historical and international context**



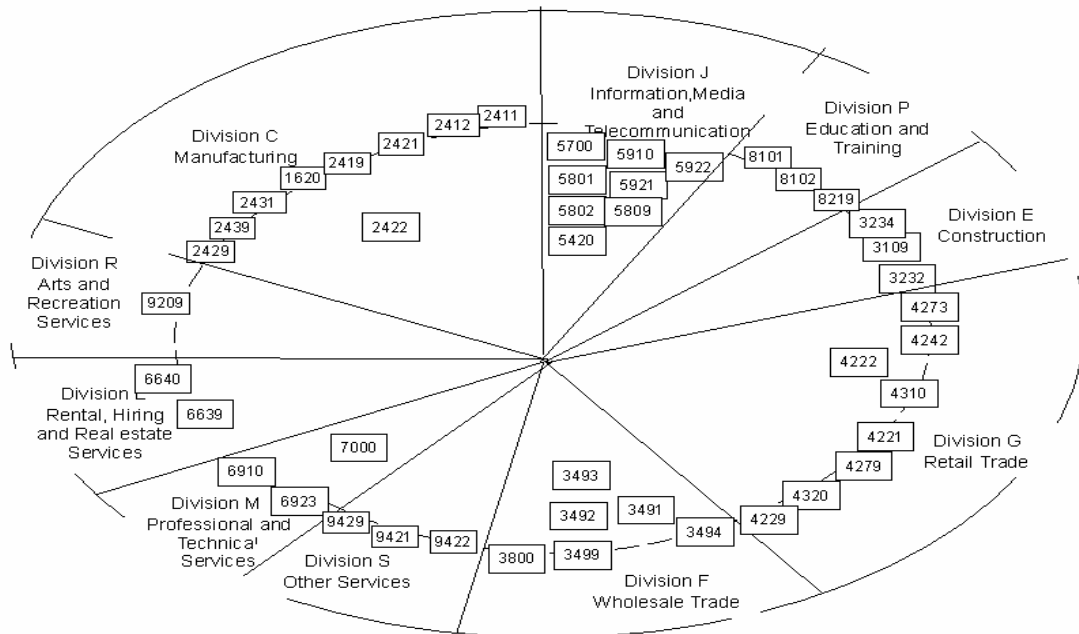
**PART E: REVIEW OUTPUT - A PROPOSED NEW ABS ICT SECTOR DEFINITION**

39. This part of the paper sets out the proposed ABS ICT sector definition. The proposal is based on the broader approach taken by the OECD, as explained in paragraph 24.

40. The proposed ABS ICT Sector definition identifies all industry classes, based on ANZSIC 2006, which have ICT activities (in line with the broad OECD definition and guiding principles) within their primary activities, irrespective of the degree of specialisation. ANZSIC 2006 classes and Divisions included under the broad definition are depicted in **Chart 3** below.

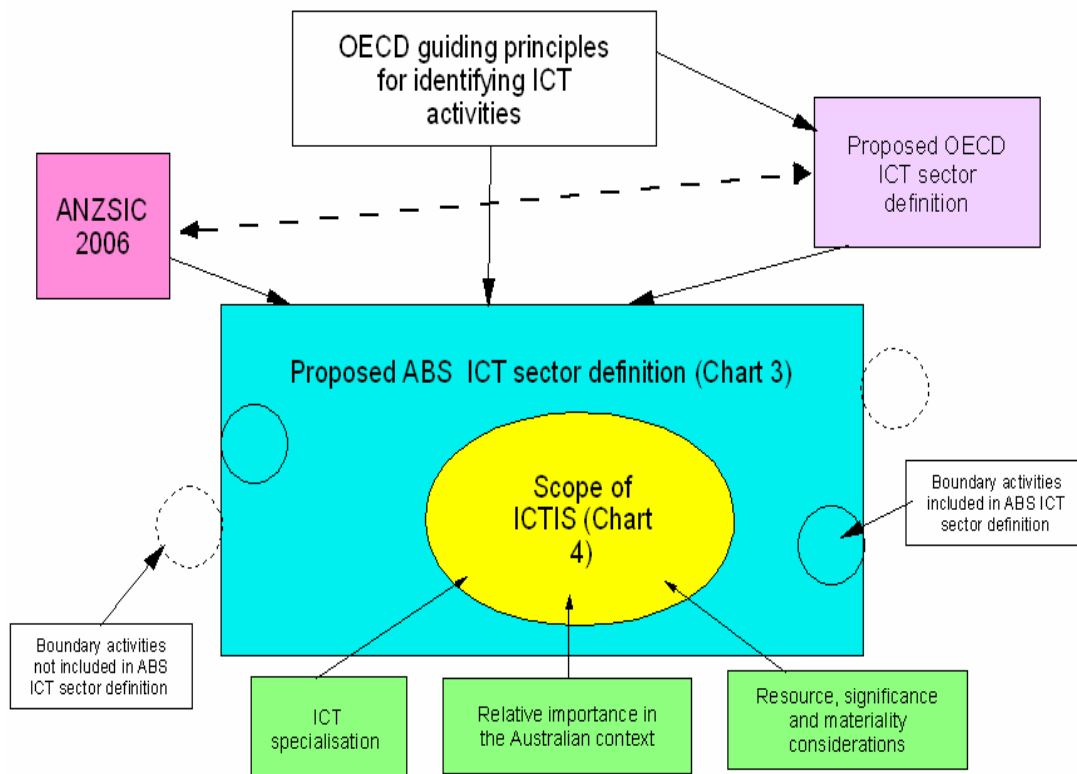
41. **Chart 3** reveals a significant increase in the number of industry classes within the ICT sector definition, when compared with Chart 2. This is expected, given the growth in size and activity in this sector over the last two decades.

**Chart 3 : Definition based on the broad view of the ICT industry and ANZSIC 2006 classes.**



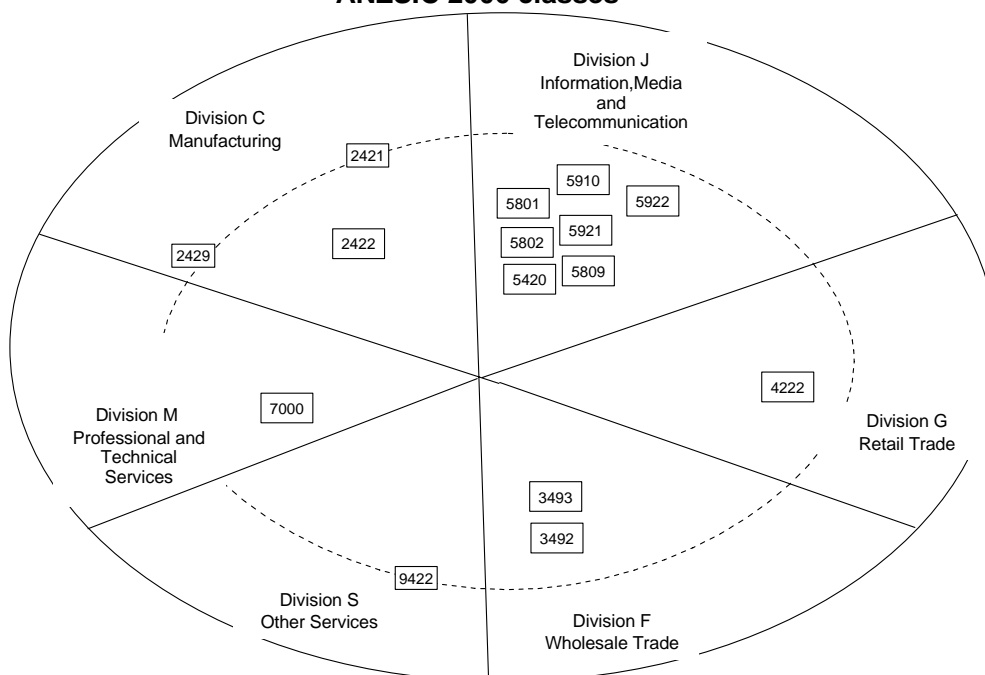
42. The following **Diagram 3** illustrates how the guiding principles for identifying ICT activities, the OECD sector definition and ANZSIC 2006 determine the proposed ABS ICT sector definition depicted in Chart 3. The proposed scope of ICTIS (chart 4) is a subset of the potential set of industries included in the ICT sector definition. As depicted in the diagram, considerations such as degree of ICT specialisation, importance in the Australian context, and significance, materiality and resource considerations have an impact on the proposed scope of ICTIS.

Diagram 3 : ABS ICT sector definition and ICTIS scope



43. Practical considerations are likely to impact on the scope of the 2006 ICTIS survey. Inclusion of all industries included in Chart 3 will result in a much larger sample, which is beyond the capacity of current ABS resources allocated to this survey. Based on available information (such as business counts and assessment of ICT activity) and feedback from users received so far, the industries almost certain to be included in the scope of the 2006-07 ICTIS are presented in **Chart 4**.

**Chart 4 : Proposed scope of ICT Industry Survey (ICTIS) based on ANZSIC 2006 classes**



44. This chart aligns closely with the OECD proposal but a few ANZSIC classes which have correspondence with OECD proposal have not been included. These classes are 2412, 3494, 4221, 6639, 6640 and 9421, which had lower ICT activities in Australia. However, since manufacture of consumer electronics is included in the scope, there is a case for including 4221(retail) and 9421 (repair).

## **PART F: SOME METHODOLOGICAL AND PRACTICAL ISSUES INFLUENCING DECISIONS**

### **Relevance versus cost**

45. A large number of ANZSIC classes which are relevant to ICT have been identified in the potential list of industries. Inclusion of all these industries would enhance the relevance and coverage of the ICT statistics, but for some of these industries only a small part of the activities are ICT related. Therefore, after consideration of practical issues such as costs, sample sizes and marginal benefits, the proposed scope of the ICT Industry Survey is narrower than that determined by the definition, as is currently the case.

46. As indicated above, the ANZSIC 2006 classes 2412, 3494, 4221, 6639, 6640 and 9421, which correspond with OECD's proposed ISIC 4.1 based definition of the ICT sector (refer to APPENDIX A), have not been included in the proposed scope of the ICTIS. This decision is based on assessment of low ICT activity in these industries.

## **Treatment of low specialisation**

47. In the charts above, the majority of the industries are only partially within the inner oval, reflecting varying degrees of ICT specialisation.
48. One of the standard ways for deciding on inclusion or exclusion of specific classes within a standard industrial classification is to look at the specialisation ratios of the industries included in the definition.
49. *ICT Specialisation ratio* for an industry is the ratio of revenue from ICT goods and services as a proportion of total revenue.
50. Using the above concept, for ANZSIC 1993 class 2842 Telecommunication, broadcasting and transceiving equipment manufacturing, the specialisation ratio (on the basis of the commodity outputs from this class) was considered to be of the order of 100% and thus the industry was included in the ICT sector definition. However, with an estimated ICT specialisation ratio of the order of only 1%, the Class 7123 Renting of office machinery and equipment (including renting of computers) was excluded from the ICT sector definition.
51. For the current review, use of specialisation ratios for considering inclusions and exclusions of specific industry classes will be an important tool for finalising the ICT sector. Business counts and industry turnover for the ANZSIC 2006 classes will also be considered for determining the Australian ICT sector. This information is available to the ABS but it is not considered to be of sufficiently good quality for presentation in a public document. Users have been requested to suggest other parameters which will facilitate this exercise.

## **Treatment of specific classes and boundary issues**

52. While specialisation ratios, materiality, employment, turnover and other considerations will determine the final list of ANZSIC 2006 based industries comprising the Australian ICT sector, certain industries remain on the conceptual boundary. Some boundary classes are included in the potential list of industries identified in this paper, but some have been left out based on ABS' interpretation of the definitions for ICT industry, and ICT goods and services.
53. Industries on the conceptual boundary which have been included in the potential list include some education related industries such as 8101, 8102 and 8219. It can be argued that services such as ICT related training produces skills necessary for facilitating information processing and communication. Strong arguments against their inclusion can be presented as well, on the ground that these do not directly enable the function of information processing and communication by electronic means. It might also be argued that education, destined for human beings, is content, and not an ICT product
54. Likewise, activities of industries involved in providing telecommunication infrastructure such as construction of telecommunication towers, and laying of communication cables can be regarded as ICT production. Three such industries have been included in the potential list, 3109, 3232 and 3234. Internet publishing and broadcasting (Class 5700) which essentially deals with content has also been included.
55. The ABS has not included ANZSIC classes 5610, Radio Broadcasting, 5621, Free-to-Air Television Broadcasting and 5622, Cable and Other subscription broadcasting in the definition based on the consideration that these are essentially services to the content industry.

56. Although not strictly a boundary issue, the ANZSIC 1620 (Reproduction of Recorded Media) presents some difficulties. This class consists of units mainly engaged in the reproduction of pre-recorded audio, video, software and other data on electronic, optical and magnetic media. It has been extracted from ANZSIC 1993 Class 2430 (Recorded media manufacturing and publishing industry) and excludes units mainly engaged in publishing optical or magnetic media, including software, (which are included in the appropriate classes of Division J “Information Media and Telecommunications”) and Audio, motion picture and/or video production and/or distribution (which are included in the appropriate classes of Division J “Information Media and Telecommunications”). Although not within the OECD definition of industries, statistics for Class 2430 had been included in the ABS ICTIS publication because mass reproduction of software has been a significant activity in Australia (with existence of units specialising in such activity), and is an important part in the supply chain for software.

57. A range of ICT **goods** can be regarded as boundary ones, and by extrapolation industries that produce these goods might also be regarded as boundary ones. While some goods with embedded ICT (cars, planes) can be easily excluded, many are not straightforward. For example, modern audio-visual equipment such as DVD recorders and digital televisions, with their information processing capabilities and other characteristics, meet the definition of ICT products but it might be argued that the **main** purpose of these goods is not information processing, or communication. With some other goods, it is impossible to make a determination without adequate knowledge of their functionalities.

#### **Comparability with previous surveys: bridging and backcasting**

58. Changes as a result of ANZSIC 2006 implementation are expected to affect comparability of data over time. The ABS understands the importance of comparability of data to users of its statistics. However, given the significant changes in the industry classification, it is perhaps inevitable that comparability over time will be compromised to an extent.

59. The ABS will publish bridging tables for 2006-07 data. Outputs will be produced on both 1993 and 2006 basis and the sample for the 2006-07 survey will be topped up to allow bridging for the year. In line with many ABS outputs, the ABS does not consider it necessary to backcast ICT industry data.

### **PART G: SUMMARY OF INPUT SOUGHT FROM USERS OF ICT STATISTICS**

60. Users have been requested to provide their views on the following issues:

- the **definition proposed for the future ICT sector to be adopted by the ABS.**
- **adequacy of the proposed scope of ICT industries**, as well as suggestions for additions and deletions of ANZSIC 2006 based industry classes, along with justifications for the same, based on links to policy or specific needs.

- **treatment of boundary industries identified in this paper**, as well as exclusion/inclusion of other industries not specifically identified, but considered to be on the boundary.

## **PART H: FUTURE WORK AND WAY AHEAD**

61. Comments received from users on the issues raised in this discussion paper are being considered for finalising the scope of the 2006-07 ICT Industry survey.

62. The United Nations Statistical Commission at its session on 7 March 2006 considered the draft structures of the ISIC, Rev.4 and the CPC, Ver.2, as recommended by the Expert Group on International Economic and Social Classifications. The Commission has approved the revised classification structures, as the international standards for activity and product classifications. The ABS is considering the above classifications for finalising the scope of the ICT industry and products for the 2006-07 survey.

63. The final outcome of this exercise will determine the completed ABS definition of the ICT industry, and the nature of the next ICT industry survey, both in terms of the conceptual basis and scope, and will thus provide the framework for future ICT statistics. Considering the significant changes for ICT industries and commodities in recent and forthcoming releases of national and international classifications, and the many subjective and boundary issues involved, this is not a simple exercise. The ABS looks forward to receiving feedback from the international community on the proposals contained in this paper.

## **APPENDICES**

**APPENDIX A:** List of ISIC Rev 4 industries and corresponding concordances (expressed in terms of ISIC Rev 3.1 and ANZSIC 2006) included in the OECD's proposed ICT sector definition

**APPENDIX B:** Concordances between ANZSIC 1993 and ANZSIC 2006 for ICT relevant classes

**APPENDIX C:** Concordances between ANZSIC 2006 and ANZSIC 1993 for ICT relevant classes

**APPENDIX D:** Primary activities and exclusions for potentially in scope ICT industries in ANZSIC 2006

**APPENDIX E:** List of ANZSIC 2006 classes without significant ICT activity

**APPENDIX F:** Tables 1 to 3

## Links to relevant Classifications

### ANZSIC 2006

1292.0 - [Australian and New Zealand Standard Industrial Classification \(ANZSIC\), 2006](#)

### ISIC Rev 4



[ISIC Rev.4 draft - approved by UNSC 2006 \(PDF\)](#)  
(800 KB)

### Harmonised System

[Harmonized System Nomenclature](#)

[http://www.wcoomd.org/ie/En/Topics\\_Issues/topics\\_issues.html](http://www.wcoomd.org/ie/En/Topics_Issues/topics_issues.html)

### CPC Ver. 2.0



[CPC Ver.2 draft - approved by UNSC 2006 \(PDF\)](#)  
(1133 KB)

## LIST OF ABBREVIATIONS

ABS	Australian Bureau of Statistics
ANZSIC	Australian and New Zealand Standard Industrial Classification
ANZSPC	Australian and New Zealand Standard Product Classification
CPC	Central Product Classification
HS	Harmonised System
ICT	Information and Communication Technology
ICTIS	Information and Communication Technology Industry Survey
ISIC	International Standard Industrial Classification of All Economic Activities
NAICS	North American Industry Classification System
NZ	New Zealand
OECD	Organisation for Economic Co-operation and Development
UN	United Nation
WPIIS	Working Party on Indicators for the Information Society

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2. Organisation for Economic Co-operation and Development, DSTI/ICCP/IIS(2006)/Rev2, *A proposal for ICT goods classification Revision 2006*
3. Organisation for Economic Co-operation and Development DSTI/ICCP/IIS(2002)2, *Reviewing the ICT sector definition: Issues for discussion*
4. Australian Bureau of Statistics, 2004, *Information and Communication Technology 2002-03*, ABS cat. no. 8126.0
5. Australian Bureau of Statistics, 1995, *Information Technology in Australia 1992-93*, ABS cat. no. 8126.0

**APPENDIX A: List of ISIC Rev 4 industries and corresponding concordances (expressed in terms of ISIC Rev 3.1 and ANZSIC 2006) included in the OECD's proposed ICT sector definition**

<b>ISIC Rev 4 code</b>	<b>ISIC Rev 4 code description</b>	<b>ISIC Rev 3.1 code</b>	<b>ISIC Rev 3.1 code description</b>	<b>ANZSIC 06 class</b>	<b>ANZSIC 06 class description</b>
2610	Manufacture of electronic components	1. 3130 2. 3210 3. 3230	1. Manufacture of insulated wire and cable 2. Manufacture of electronic valves and tubes and other electronic components 3. Manufacture of television and radio receivers, sound or video recording or reproducing apparatus and associated goods	1a. 2431 2a. 2429p 3a. 2422p 3b. 2429p	1a. Electric Cable and Wire Manufacturing 2a. Other Electronic Equipment Manufacturing 3a. Communication Equipment Manufacturing 3b. Other Electronic Equipment Manufacturing
2620	Manufacture of computers and peripheral equipment	1. 3000 2. 3230	1. Manufacture of office, accounting and computing machinery 2. Manufacture of television and radio receivers, sound or video recording or reproducing apparatus and associated goods	1a. 2421 2a. 2422p 2b. 2429p	1a. Computer and Electronic office equipment manufacturing 2a. Communication Equipment Manufacturing 2b. Other Electronic Equipment Manufacturing
2630	Manufacture of communication equipment	1. 3220 2. 3230 3. 3312	1. Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy 2. Manufacture of television and radio receivers, sound or video recording or reproducing apparatus and associated goods	1a. 2422p 1b.9422p 2.a. 2422p 2b. 2429p 3a. 2419p 3b. 9422p	1a. Communication Equipment Manufacturing 1b. Electronic (except Domestic Appliance) and precision Equipment Repair and Maintenance

			3. Manufacture of instruments and appliances for measuring, checking, testing, navigating and other purposes, except industrial process control equipment		2a Communication Equipment Manufacturing  2b. Other Electronic Equipment Manufacturing  3a. Other professional and scientific equipment manufacturing 3.b. Electronic (except domestic appliance) and Precision equipment Repair and Maintenance
2640	Manufacture of consumer electronics	1. 3230	1. Manufacture of television and radio receivers, sound or video recording or reproducing apparatus and associated goods	1a. 2422p 1b.2429p	1a.Communication Equipment Manufacturing 1b. Other Electronic Equipment Manufacturing
2680	Manufacture of magnetic and optical media	1. 3230	Manufacture of television and radio receivers, sound or video recording or reproducing apparatus and associated goods	2429	Other Electronic Equipment manufacturing
2651	Manufacture of measuring, testing, navigating and control equipment	1. 3312	1. Manufacture of instruments and appliances for measuring, checking, testing, navigating and other purposes, except industrial process control equipment	1a 2419p 1b. 9422p	1a. Other professional and scientific equipment manufacturing 1b. Electronic (except domestic appliance) and Precision equipment Repair and Maintenance
2660	Manufacture of irradiation, electromedical &	1. 3311	Manufacture of medical and surgical equipment and orthopaedic appliances	2412	Medical and Surgical equipment

	electrotherapeutic equipment				manufacturing
2731	Manufacture of fibre optic cables	1. 3130	1. Manufacture of insulated wire and cable	1. 2431	1. Electric Cable and Wire Manufacturing
4651	Wholesale of computers, computer peripheral equipment and software	1. 5151	1. Wholesale of computers, computer peripheral equipment and software	1a 3492	1a. Computer and Computer Peripheral Wholesaling
4652	Whole of electronic and telecommunication equipment and parts	1. 5152	1. Wholesale of electronic and telecommunications parts and equipment	1. 3493 2. 3494p	1. Telecommunication goods Wholesaling 2. Other Electrical and Electronic Goods Wholesaling
4741	Retail sale of computers, peripheral units, software & telecommunication equipment on specialised stores	1. 5239p	1. Other retail sale in specialised stores	1. 4222	1. Computer and Computer Peripheral Retailing
4743	Retail sale of audio and video equipment in specialized stores	1. 5233p	1. Retail sale of household appliances, articles and equipment	1. 4221	1. Electrical, Electronic and Gas Appliance Retailing
5820	Software publishing	1. 7221 2. 7240	1. Software publishing 2. Database activities and online distribution of electronic content	1a. 5420 2a. 5700 2b. 5910p 2c. 5922	1a. Software Publishing 2a. Internet Publishing and Broadcasting 2b. Internet Service Providers and web Search Portals 2c. Electronic Information Storage Services
6110	Wired telecommunications activities	1. 6420	1. Telecommunications	1a. 5801 1b. 5802 1c. 5809 1d. 5910p	1a. Wired Telecommunications Network Operation 1b. Other Telecommunications Network Operation 1c. Other

					Telecommunications Services 1d. Internet Service Providers and Web Search Portals
6120	Wireless telecommunications activities	1. 6420	1. Telecommunications	1a. 5801 1b. 5802 1c. 5809 1d.5910p	1a. Wired Telecommunications Network Operation 1b Other Telecommunications Network Operation 1c. Other Telecommunications Services 1d. Internet Service Providers and Web Search Portals
6130	Satellite telecommunications activities	1. 6420	1. Telecommunications	1a. 5801 1b. 5802 1c. 5809 1d.5910p	1a. Wired Telecommunications Network Operation 1b Other Telecommunications Network Operation 1c. Other Telecommunications Services 1d. Internet Service Providers and Web Search Portals
6190	Other telecommunications activities	1. 6420	1. Telecommunications	1.a. 5801 1b. 5802 1c. 5809 1d.5910p	1a. Wired Telecommunications Network Operation 1 b. Other Telecommunications Network Operation 1c. Other Telecommunications Services

					1d. Internet Service Providers and Web Search Portals
6201	Computer programming activities	1. 7229	1. Other software consultancy and supply	1. 7000p	1. Computer System Design and Related Services
6202	Information Technology consultancy activities and computer facilities management activities	1. 7210 2. 7229 3. 7230	1. Hardware consultancy 2. Other software consultancy and supply 3. Data processing	1. 7000p 2. 7000p 3. 5921p	1. Computer System Design and Related Services 2. Computer System Design and Related Services 3. Data Processing and Web Hosting Services
6209	Other information technology service activities	1. 7290	1. Other computer related activities	1. 7000p	1. Computer System Design and Related Services
6311	Data processing, hosting and related activities	1.7230 2. 7240	1. Data processing 2. Database activities and online distribution of electronic content	1. 5921p 2a.. 5700 2b. 5910p 2c. 5922	1.Data Processing and Web hosting Services 2.a. Internet Publishing and broadcasting 2.b.Internet Service Providers and Web Search Portals 2.c Electronic Information Storage Services
6312	Web portals	1. 7240	1. Database activities and online distribution of electronic content	1 a. 5700 1 b. 5910p 1 c. 5922	1a. Internet Publishing and broadcasting 1b.Internet Service Providers and Web Search Portals 1c Electronic Information

					Storage Services
9511	Repair of computers and peripheral equipment	1. 7250	1. Maintenance and repair of office, accounting and computing machinery	1. 9422p	Electronic (except Domestic Appliance) and Precision Equipment Repair and Maintenance
9512	Repair of communication equipment	1. 3220	1. Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy	1a. 2422p 1b. 9422p	1a. Communication Equipment Manufacturing 1.b. Electronic (except Domestic Appliance) and Precision Equipment Repair and Maintenance
9521	Repair of consumer electronics	1. 5260p	Repair of personal and household goods	9421	Domestic Appliance Repair and Maintenance
7730	Renting and leasing of other machinery, equipment and tangible goods n.e.c	1. 7123	Renting of office machinery and equipment (including computers)	6639p	Other Goods and equipment Rental and Hiring n.e.c
7740	Leasing of no financial intangible assets	1. 6599p	Other financial intermediation n. e.c	6640	Non-Financial Intangible Assets (Except Copyrights) Leasing

## APPENDIX B

### Concordances between ANZSIC 1993 and ANZSIC 2006 for ICT relevant classes

ANZSIC 93	ANZSIC 93 DESCRIPTION	ANZSIC 06	ANZSIC 06 DESCRIPTION
2430- Recorded Media manufacturing and publishing	<p><b>Division:</b> Manufacturing</p> <p><b>Subdivision:</b> Printing publishing and Recorded Media</p> <p><b>Group:</b> Recorded media manufacturing and publishing</p>	<p>1. 1620- Reproduction of Recorded Media</p> <p>2. 5420p- Software Publishing</p> <p>3. 5521p- Music Publishing</p>	<p>1. <b>Division:</b> Manufacturing</p> <p><b>Subdivision:</b> Printing (Including the Reproduction of Recorded Media)</p> <p><b>Group:</b> Reproduction of Recorded Media</p> <p>2. <b>Division:</b> Information Media and Telecommunications</p> <p><b>Subdivision:</b> Publishing (except Internet and Music Publishing)</p> <p><b>Group:</b> Software Publishing</p> <p>3. <b>Division:</b> Information Media and Telecommunications</p> <p><b>Subdivision:</b> Motion Picture and Sound Recording Activities</p> <p><b>Group:</b> Sound Recording and Music Publishing</p>

<b>ANZSIC 93</b>	<b>ANZSIC 93 DESCRIPTION</b>	<b>ANZSIC 06</b>	<b>ANZSIC 06 DESCRIPTION</b>
<b>2841-</b> Computer and Business Machine Manufacturing	<b>Division:</b> Manufacturing <b>Subdivision:</b> Machinery and Equipment Manufacturing <b>Group:</b> Electronic Equipment Manufacturing	<b>1. 2421-</b> Computer and Electronic Office Equipment Manufacturing	<b>Division:</b> Manufacturing <b>Subdivision:</b> Machinery and Equipment Manufacturing <b>Group:</b> Computer and Electronic Equipment Manufacturing
<b>2842-</b> Telecommunication, Broadcasting and Transceiving Equipment Manufacturing	<b>Division:</b> Manufacturing <b>Subdivision:</b> Machinery and Equipment Manufacturing <b>Group:</b> Electronic Equipment Manufacturing	<b>1. 2422p</b> Communication Equipment Manufacturing	<b>Division:</b> Manufacturing <b>Subdivision:</b> Machinery and Equipment Manufacturing <b>Group:</b> Computer and Electronic Equipment Manufacturing
<b>2849-</b> Electronic Equipment Manufacturing n.e.c	<b>Division:</b> Manufacturing <b>Subdivision:</b> Machinery and Equipment Manufacturing <b>Group:</b> Electronic Equipment Manufacturing	<ol style="list-style-type: none"> <li><b>1. 2412p</b> Medical and Surgical Equipment Manufacturing</li> <li><b>2. 2422p</b> Communication Equipment Manufacturing</li> <li><b>3. 2429</b> Other Electronic Equipment Manufacturing</li> </ol>	<ol style="list-style-type: none"> <li><b>1. Division:</b> Manufacturing <b>Subdivision:</b> Machinery and Equipment Manufacturing <b>Group:</b> Professional and Scientific Equipment Manufacturing</li> <li><b>2. Division:</b> Manufacturing <b>Subdivision:</b> Machinery and Equipment Manufacturing <b>Group:</b> Computer and Electronic Equipment Manufacturing</li> <li><b>3. Division:</b> Manufacturing <b>Subdivision:</b> Machinery and</li> </ol>

ANZSIC 93	ANZSIC 93 DESCRIPTION	ANZSIC 06	ANZSIC 06 DESCRIPTION
2849 continued...			Equipment Manufacturing <b>Group:</b> Computer and Electronic Equipment Manufacturing
2852-Electric Cable and Wire Manufacturing	<b>Division:</b> Manufacturing <b>Subdivision:</b> Machinery and Equipment Manufacturing <b>Group:</b> Electrical Equipment and Appliance Manufacturing	1. 2431-Electric Cable and Wire Manufacturing	<b>Division:</b> Manufacturing <b>Subdivision:</b> Machinery and Equipment Manufacturing <b>Group:</b> Electrical Cable and Wire Manufacturing
4613- Computer Wholesaling	<b>Division:</b> Wholesale Trade <b>Subdivision:</b> Machinery and Motor Vehicle Wholesaling <b>Group:</b> Machinery and Equipment Wholesaling	1. 3492- Computer and Computer Peripheral Wholesaling	<b>Division:</b> Wholesale Trade <b>Subdivision:</b> Machinery and Equipment Wholesaling <b>Group:</b> Other Machinery and Equipment Wholesaling
4614-Business Machine Wholesaling n.e.c.	<b>Division:</b> Wholesale Trade <b>Subdivision:</b> Machinery and Motor Vehicle Wholesaling <b>Group:</b> Machinery and Equipment Wholesaling	1. 3493p- Telecommunication Goods Wholesaling 2. 3494p-Other Electrical and Electronic Good Wholesaling 3. 3499p- Other Machinery and Equipment Wholesaling n.e.c. 4. 3800p- Commission-Based Wholesaling 5. 9422p- Electronic	1. <b>Division:</b> Wholesale Trade <b>Subdivision:</b> Machinery and Equipment Wholesaling <b>Group:</b> Other Machinery and Equipment Wholesaling 2. <b>Division:</b> Wholesale Trade <b>Subdivision:</b> Machinery and Equipment Wholesaling <b>Group:</b> Other Machinery and Equipment Wholesaling

ANZSIC 93	ANZSIC 93 DESCRIPTION	ANZSIC 06	ANZSIC 06 DESCRIPTION
4614 continued...		(except Domestic Appliance) and Precision Equipment Repair and Maintenance	<p><b>3. Division:</b> Wholesale Trade  <b>Subdivision:</b> Machinery and Equipment Wholesaling  <b>Group:</b> Other Machinery and Equipment Wholesaling</p> <p><b>4. Division:</b> Wholesale Trade  <b>Subdivision:</b> Commission-Based Wholesaling  <b>Group:</b> Commission-Based Wholesaling</p> <p><b>5. Division:</b> Other Services  <b>Subdivision:</b> Repair and Maintenance  <b>Group:</b> Machinery and Equipment Repair and Maintenance</p>
4615-Electrical and Electronic equipment wholesaling	<p><b>Division:</b> Wholesale Trade  <b>Subdivision:</b> Machinery and Motor Vehicle Wholesaling  <b>Group:</b> Machinery and Equipment Wholesaling</p>	<p><b>1. 3493p-</b> Telecommunication Goods Wholesaling  <b>2. 3494-</b> Other Electrical and Electronic Good Wholesaling  <b>3. 4229p-</b> Other Electrical and Electronic Goods Retailing</p>	<p><b>1. Division:</b> Wholesale Trade  <b>Subdivision:</b> Machinery and Equipment Wholesaling  <b>Group:</b> Other Machinery and Equipment Wholesaling</p> <p><b>2. Division:</b> Wholesale Trade  <b>Subdivision:</b> Machinery and</p>

ANZSIC 93	ANZSIC 93 DESCRIPTION	ANZSIC 06	ANZSIC 06 DESCRIPTION
4615 continued...		4. 9429p- Other Machinery and Equipment Repair and Maintenance	Equipment Wholesaling <b>Group:</b> Other Machinery and Equipment Wholesaling <b>3. Division:</b> Retail Trade <b>Subdivision:</b> Other Store-Based Retailing <b>Group:</b> Electrical and Electronic Goods Retailing <b>4. Division:</b> Other Services <b>Subdivision:</b> Repair and Maintenance <b>Group:</b> Machinery and Equipment Repair and Maintenance

ANZSIC 93	ANZSIC 93 DESCRIPTION	ANZSIC 06	ANZSIC 06 DESCRIPTION
<p><b>7120-</b> Telecommunication Services</p>	<p><b>Division-</b> Communication Services  <b>Subdivision-</b> Communication Services  <b>Group-</b> Telecommunication Services  <b>Class-</b> Telecommunication Services</p>	<p><b>1. 5700p-</b> Internet Publishing and Broadcasting.  <b>2. 5801-</b> Wired Telecommunications Network Operation  <b>3. 5802-</b> Other Telecommunications Network Operation  <b>4. 5809-</b> Other Telecommunication Services  <b>5. 5910p-</b> Internet Service Providers and Web Search Portals</p>	<p><b>1. Division-</b> Information Media and Telecommunications  <b>Subdivision-</b> Internet Publishing and Broadcasting  <b>Group-</b> Internet Publishing and Broadcasting  <b>Class-</b> Internet Publishing and Broadcasting  <b>2. Division-</b> Information Media and Telecommunications  <b>Subdivision-</b> Telecommunications Services  <b>Group-</b> Telecommunications Services  <b>Class-</b> Wired Telecommunications Network Operation  <b>3. Division-</b> Information Media and Telecommunications  <b>Subdivision-</b> Telecommunications Services  <b>Group-</b> Telecommunications</p>

ANZSIC 93	ANZSIC 93 DESCRIPTION	ANZSIC 06	ANZSIC 06 DESCRIPTION
7120 continued...			Services <b>Class-</b> Other Telecommunications Network Operation <b>4. Division-</b> Information Media and Telecommunications <b>Subdivision-</b> Telecommunications Services <b>Group-</b> Telecommunications Services <b>Class-</b> Other Telecommunications Services <b>5. Division-</b> Information Media and Telecommunications <b>Subdivision-</b> Internet Service Providers, Web Search Portals and Data Processing Services <b>Group-</b> Internet Service Providers and Web Search Portals <b>Class-</b> Internet Service Providers and Web Search Portals

ANZSIC 93	ANZSIC 93 DESCRIPTION	ANZSIC 06	ANZSIC 06 DESCRIPTION
7831- Data processing services	<b>Division-</b> Property and Business Services <b>Subdivision-</b> Business Services <b>Group-</b> Computer Services <b>Class-</b> Data Processing Services	1. 5921p- Data Processing and Web Hosting Services	<b>1. Division-</b> Information Media and Telecommunications <b>Subdivision-</b> Internet Service Providers, Web Search Portals and Data Processing Services <b>Group-</b> Data Processing, Web Hosting and Electronic Information Storage Services <b>Class-</b> Data Processing and Web Hosting Services
7832- Information Storage and Retrieval services	<b>Division-</b> Property and Business Services <b>Subdivision-</b> Business services <b>Group-</b> Computer services <b>Class-</b> Information Storage and Retrieval services	1. 5922- Electronic Information Storage Services	<b>1. Division-</b> Information Media and Telecommunications <b>Sub division-</b> Internet Service Providers, Web Search Portals and Data Processing Services. <b>Group-</b> Data processing, Web Hosting and Electronic Information Storage Services <b>Class-</b> Electronic Information Storage services
7833- Computer maintenance services	<b>Division-</b> Property and Business Services <b>Subdivision-</b> Business	1. 9422p- Electronic (except Domestic Appliance) and Precision Equipment	<b>Division-</b> Other Services <b>Subdivision-</b> Repair and Maintenance

ANZSIC 93	ANZSIC 93 DESCRIPTION	ANZSIC 06	ANZSIC 06 DESCRIPTION
7833 continued...	services <b>Group-</b> Computer services <b>Class-</b> Computer maintenance services	Repair and Maintenance	<b>Group-</b> Machinery and Equipment Repair and Maintenance <b>Class-</b> Electronic (except Domestic Appliance) and Precision Equipment Repair and maintenance
7834- Computer Consultancy Services	<b>Division-</b> Property and Business Services <b>Subdivision-</b> Business Services <b>Group-</b> Computer Services <b>Class-</b> Computer Consultancy Services	1. 5420p- Software Publishing 2. 7000- Computer System Design and Related Services	1. <b>Division-</b> Information Media and Telecommunications <b>Subdivision-</b> Publishing (except Internet and Music Publishing) <b>Group-</b> Software Publishing <b>Class-</b> Software Publishing 2. <b>Division-</b> Professional, Scientific and Technical Services <b>Subdivision-</b> Computer System Design and Related Services <b>Group-</b> Computer System Design and Related Services <b>Class-</b> Computer System Design and Related Services.
2839- Professional and	<b>Division-</b> Manufacturing	1. 2419p-Other Professional	1. <b>Division-</b> Manufacturing

<p>Scientific Equipment Manufacturing n.e.c</p>	<p><b>Subdivision</b>-Machinery and Equipment Manufacturing  <b>Group</b>-Photographic and Scientific Equipment manufacturing  <b>Class</b>- Professional and Scientific Equipment Manufacturing n.e.c</p>	<p>and Scientific Equipment manufacturing  <b>2. 9422p</b>- Electronic (except Domestic Appliance) and Precision Equipment Repair and maintenance</p>	<p><b>1. Subdivision</b>-Machinery and Equipment Manufacturing  <b>1. Group</b>- Professional and Scientific Equipment Manufacturing  <b>1. Class</b>-Other Professional and Scientific Equipment Manufacturing  <b>2. Division</b>- Other Services  <b>2. Subdivision</b>- Repair and maintenance  <b>2. Group</b>- Machinery and Equipment Repair and Maintenance  <b>2. Class</b>- Electronic (except Domestic Appliance) and Precision Equipment Repair and maintenance</p>
<p><b>4612- Professional Equipment Wholesaling</b></p>	<p><b>Division</b>- Wholesale Trade  <b>Subdivision</b>- Machinery and Motor Vehicle Wholesaling  <b>Group</b>-Machinery and Equipment Wholesaling  <b>Class</b>-Professional Equipment Wholesaling</p>	<p><b>1. 3491</b>- Professional and Scientific Goods Wholesaling</p>	<p><b>Division</b>-Wholesale Trade  <b>Subdivision</b>-Machinery and Equipment Wholesaling  <b>Group</b>- Other Machinery and Equipment Wholesaling  <b>Class</b>- Professional and Scientific Goods Wholesaling</p>
<p><b>7743- Plant Hiring or Leasing</b></p>	<p><b>Division</b>- Property and Business Services  <b>Subdivision</b>: Property Services  <b>Group</b>-Machinery and Equipment Hiring and Leasing  <b>Class</b>- Plant Hiring or Leasing</p>	<p><b>1. 6631</b>- Heavy Machinery and Scaffolding Rental and Hiring  <b>2. 6639p</b>-Other Goods and Equipment Rental and Hiring n.e.c</p>	<p><b>1. Division</b>- Rental Hiring and Real Estate Services  <b>1. Subdivision</b>- Rental and Hiring Services (except Real Estate)  <b>1. Group</b>- Other Goods and Equipment Rental and</p>

			<p>Hiring</p> <p><b>1. Class-</b> Heavy Machinery and Scaffolding Rental and Hiring</p> <p><b>2. Division-</b> Rental, Hiring and real estate Services</p> <p><b>2. Subdivision-</b> Rental and Hiring Services (except Real Estate)</p> <p><b>2. Group-</b> Other Goods and Equipment Rental and Hiring</p> <p><b>2. Class-</b> Other Goods and Equipment Rental and Hiring n.e.c</p>
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➤ **APPENDIX C**

➤ **Concordances for ICT Industries ANZSIC 2006 to ANZSIC 1993**

<b>ANZSIC 2006 Class</b>	<b>ANZSIC 2006 Description</b>	<b>ANZSIC 1993 Class</b>	<b>ANZSIC 1993 Description</b>
<b>1620</b>	Reproduction of Recorded Media	<b>1. 2430p</b>	1. Recorded Media Manufacturing and Publishing
<b>1916</b>	Paint and Coatings Manufacturing	<b>1. 2542 2. 2547</b>	1. Paint Manufacturing 2. Ink Manufacturing
<b>2411</b>	Photographic, Optical and Ophthalmic Equipment Manufacturing	<b>1. 2831p</b>	1. Photographic and Optical Good Manufacturing
<b>2419</b>	Other Professional and Scientific Equipment Manufacturing	<b>1. 2769p 2. 2839p 3. 2859p 4. 2869p</b>	1. Fabricated Metal Product Manufacturing n.e.c. 2. Professional and Scientific Equipment Manufacturing n.e.c. 3. Electrical Equipment Manufacturing n.e.c. 4. Industrial Machinery and Equipment Manufacturing n.e.c.
<b>2421</b>	Computer and Electronic Office Equipment Manufacturing	<b>1. 2841</b>	1. Computer and Business Machine Manufacturing
<b>2422</b>	Communication Equipment Manufacturing	<b>1. 2769p 2. 2842 3. 2849p</b>	1. Fabricated Metal Product Manufacturing n.e.c. 2. Telecommunication, Broadcasting and Transceiving Equipment Manufacturing 3. Electronic Equipment Manufacturing n.e.c.
<b>2429</b>	Other Electronic Equipment Manufacturing	<b>1. 2849p</b>	1. Electronic Equipment Manufacturing n.e.c
<b>2431</b>	Electric Cable and Wire Manufacturing	<b>1. 2852</b>	1. Electric Cable and Wire Manufacturing

<b>ANZSIC 2006 Class</b>	<b>ANZSIC 2006 Description</b>	<b>ANZSIC 1993 Class</b>	<b>ANZSIC 1993 Description</b>
<b>2439</b>	Other Electrical Equipment Manufacturing	<b>1. 2853</b> <b>2. 2859p</b>	1. Battery Manufacturing 2. Electrical Equipment Manufacturing n.e.c.
<b>3109</b>	Other Heavy and Civil Engineering Construction	<b>1. 4122</b>	1. Non-Building Construction n.e.c.
<b>3232</b>	Electrical Services	<b>1. 4232</b> <b>2. 5261p</b>	1. Electrical Services 2. Household Equipment Repair Services (Electrical)
<b>3492</b>	Computer and Computer Peripheral Wholesaling	<b>1. 4613</b>	<b>1. Computer Wholesaling</b>
<b>3493</b>	Telecommunication Goods Wholesaling	<b>1. 4614p</b> <b>2. 4615p</b>	<b>1. Business Machine Wholesaling n.e.c.</b> <b>2. Electrical and Electronic Equipment Wholesaling n.e.c.</b>
<b>3494</b>	Other Electrical and Electronic Goods Wholesaling	<b>1. 4614p</b> <b>2. 4615p</b> <b>3. 4731p</b> <b>4. 4739p</b> <b>5. 4791p</b>	<b>1. Business Machine Wholesaling n.e.c.</b> <b>2. Electrical and Electronic Equipment Wholesaling n.e.c.</b> <b>3. Household Appliance Wholesaling</b> <b>4. Household Good Wholesaling n.e.c.</b> <b>5. Photographic Equipment Wholesaling</b>
<b>3499</b>	Other Machinery and Equipment Wholesaling n.e.c.	<b>1. 4614p</b> <b>2. 4619p</b> <b>3. 4731p</b> <b>4. 4739p</b> <b>5. 4791p</b> <b>6. 5245p</b>	<b>1. Business Machine Wholesaling n.e.c.</b> <b>2. Machinery and Equipment Wholesaling n.e.c.</b> <b>3. Household Appliance Wholesaling</b> <b>4. Household Good Wholesaling n.e.c.</b> <b>5. Photographic Equipment Wholesaling</b> <b>6. Marine Equipment Retailing</b>

<b>ANZSIC 2006 Class</b>	<b>ANZSIC 2006 Description</b>	<b>ANZSIC 1993 Class</b>	<b>ANZSIC 1993 Description</b>
<b>3800</b>	Commission-Based Wholesaling	<b>1. 4511p</b> <b>2. 4519p</b> <b>3. 4614p</b> <b>4. 4619p</b> <b>5. 4721p</b> <b>6. 4722p</b> <b>7. 4723p</b> <b>8. 4799p</b> <b>9. 7869p</b>	1. Wool Wholesaling 2. Farm Produce and Supplies Wholesaling n.e.c. 3. Business Machine Wholesaling n.e.c. 4. Machinery and Equipment Wholesaling n.e.c. 5. Textile Product Wholesaling 6. Clothing Wholesaling 7. Footwear Wholesaling 8. Wholesaling n.e.c. 9. Business Services n.e.c.
<b>4221</b>	Electrical, Electronic and Gas Appliance Retailing	<b>1. 5234p</b> <b>2. 5244p</b> <b>3. 5259p</b>	1. Domestic Appliance Retailing 2. Photographic Equipment Retailing 3. Retailing n.e.c.
<b>4222</b>	Computer and Computer Peripheral Retailing	<b>1. 5234p</b>	1. Domestic Appliance Retailing
<b>4229</b>	Other Electrical and Electronic Goods Retailing	<b>1. 4615p</b> <b>2. 5259p</b>	1. Electrical and Electronic Equipment Wholesaling n.e.c. 2. Retailing n.e.c.
<b>4242</b>	Entertainment Media Retailing	<b>1. 5235</b> <b>2. 5242p</b>	1. Recorded Music Retailing 2. Toy and Game Retailing
<b>4273</b>	Antique and Used Goods Retailing	<b>1. 5252p</b>	1. Antique and Used Good Retailing
<b>4279</b>	Other Store-Based Retailing n.e.c.	<b>1. 5129p</b> <b>2. 5243p</b> <b>3. 5244p</b> <b>4. 5255p</b> <b>5. 5259p</b>	1. Specialised Food Retailing n.e.c. 2. Newspaper, Book and Stationery Retailing 3. Photographic Equipment Retailing 4. Watch and Jewellery Retailing 5. Retailing n.e.c.

<b>ANZSIC 2006 Class</b>	<b>ANZSIC 2006 Description</b>	<b>ANZSIC 1993 Class</b>	<b>ANZSIC 1993 Description</b>
<b>4310</b>	Non-Store Retailing	<ul style="list-style-type: none"> <li>1. 5123p</li> <li>2. 5126p</li> <li>3. 5129p</li> <li>4. 5234p</li> <li>5. 5243p</li> <li>6. 5251p</li> <li>7. 5252p</li> <li>8. 5255p</li> <li>9. 5259p</li> </ul>	<ul style="list-style-type: none"> <li>1. Liquor Retailing</li> <li>2. Milk Vending</li> <li>3. Specialised Food Retailing n.e.c.</li> <li>4. Domestic Appliance Retailing</li> <li>5. Newspaper, Book and Stationery Retailing</li> <li>6. Pharmaceutical, Cosmetic and Toiletry Retailing</li> <li>7. Antique and Used Good Retailing</li> <li>8. Watch and Jewellery Retailing</li> <li>9. Retailing n.e.c.</li> </ul>
<b>4320</b>	Retail Commission-Based Buying and/or Selling	<ul style="list-style-type: none"> <li>1. 5126p</li> <li>2. 5129p</li> <li>3. 5234p</li> <li>4. 5243p</li> <li>5. 5245p</li> <li>6. 5251p</li> <li>7. 5255p</li> <li>8. 5259p</li> </ul>	<ul style="list-style-type: none"> <li>1. Milk Vending</li> <li>2. Specialised Food Retailing n.e.c.</li> <li>3. Domestic Appliance Retailing</li> <li>4. Newspaper, Book and Stationary Retailing</li> <li>5. Marine Equipment Retailing</li> <li>6. Pharmaceutical, Cosmetic and Toiletry Retailing</li> <li>7. Watch and Jewellery Retailing</li> <li>8. Retailing n.e.c.</li> </ul>
<b>5420</b>	Software Publishing	<ul style="list-style-type: none"> <li>1. 2430p</li> <li>2. 7730p</li> <li>3. 7834p</li> </ul>	<ul style="list-style-type: none"> <li>1. Recorded Media Manufacturing and Publishing</li> <li>2. Non-financial Asset Investors</li> <li>3. Computer Consultancy Services</li> </ul>
<b>7000</b>	Computer System Design and Related Services	<ul style="list-style-type: none"> <li>1. 7834p</li> </ul>	<ul style="list-style-type: none"> <li>1. Computer Consultancy Services</li> </ul>

<b>ANZSIC 2006 Class</b>	<b>ANZSIC 2006 Description</b>	<b>ANZSIC 1993 Class</b>	<b>ANZSIC 1993 Description</b>
<b>9422</b>	Electronic (except Domestic Appliance) and Precision Equipment Repair and Maintenance	<b>1. 2831p</b> <b>2. 2832p</b> <b>3. 2839p</b> <b>4. 4259p</b> <b>5. 4614p</b> <b>6. 7833</b>	1. Photographic and Optical Good Manufacturing 2. Medical and Surgical Equipment Manufacturing 3. Professional and Scientific Equipment Manufacturing n.e.c. 4. Construction Services n.e.c. 5. Business Machine Wholesaling n.e.c. 6. Computer Maintenance Services
<b>5700</b>	Internet Publishing and Broadcasting	<b>1. 2422p</b> <b>2. 2423p</b> <b>3. 7120p</b>	1. Other Periodical Publishing 2. Book and Other Publishing Telecommunications Services
<b>5801</b>	Wired Telecommunications Network Operation	<b>1. 7120p</b>	1. Telecommunications Services
<b>5802</b>	Other Telecommunications Network Operation	<b>1. 7120p</b>	1. Telecommunications Services
<b>5420</b>	Software publishing	<b>1. 2430p</b> <b>2. 7730p</b> <b>3. 7834p</b>	1. Recorded Media Manufacturing and Publishing 2. Non-Financial Asset Investors 3. Computer Consultancy Services
<b>5910</b>	Internet Service providers and Websearch Portals	<b>1. 7120p</b> <b>2. 7869p</b>	1. Telecommunications Services 2. Business Services n.e.c
<b>5921</b>	Data Processing and Web hosting Services	<b>1. 7831</b> <b>2. 7869p</b>	1. Data Processing Services 2. Business Services n.e.c
<b>5809</b>	Other Telecommunications Service	<b>1. 7120p</b>	1. Telecommunications Services
<b>5922</b>	Electronic Information Storage Services	<b>1. 7832</b>	1. Information Storage and Retrieval Services
<b>6631</b>	Heavy Machinery and Scaffolding Rental	<b>1. 7743p</b>	1. Plant Hiring and Leasing

	and Hiring		
<b>6639</b>	Other Goods and Equipment Rental and Hiring n.e.c	<b>1. 7730p</b> <b>2. 7743p</b> <b>3. 9519</b>	1. Non- Financial Asset Investors 2. Plant Hiring or Leasing 3. Personal and Household Goods Hiring n.e.c
<b>3491</b>	Professional and Scientific Goods Wholesaling	<b>1. 4612</b>	1. Professional equipment Wholesaling n.e.c
<b>6910</b>	Scientific Research Services	<b>1. 7310</b> <b>2. 7320</b>	1. Research and experimental development on natural sciences and engineering (NSE) 2. Research and experimental development on social sciences and humanities (SSH)
<b>6923</b>	Engineering Design and Engineering Consulting Services	<b>1. 7421p</b>	1. Architectural and engineering activities and related technical consultancy
<b>2412</b>	Medical and Surgical Equipment Manufacturing	<b>1. 2832p</b> <b>2. 2849p</b>	1. Medical and Surgical Equipment Manufacturing 2. Electronic Equipment Manufacturing n.e.c

**APPENDIX D: Primary activities and exclusions for potentially in scope ICT industries in ANZSIC 2006**

ANZSIC 2006 Class	Definitions	Primary Activities of ANZSIC 2006 Class	Exclusions
<b>1620- Reproduction of Recorded Media</b>	This class consists of units mainly engaged in the reproduction of pre-recorded audio, video, software and other data on electronic, optical and magnetic media	<ol style="list-style-type: none"> <li>1. Audio Tape, Pre-Recorded, Reproduction</li> <li>2. Cassette Tape, Pre-Recorded Audio, Reproduction</li> <li>3. CD-ROM Software, Pre-Recorded, Reproduction</li> <li>4. Compact Disc, Pre-Recorded, Reproduction</li> <li>5. Computer Tape or Disk, Pre-Recorded, Reproduction</li> <li>6. Digital Video Disc (DVD), Pre-Recorded, Reproduction</li> <li>7. Video Tape, Pre-Recorded, Reproduction</li> </ol>	<p><b>Units Mainly Engaged In:</b></p> <ul style="list-style-type: none"> <li>➤ Publishing optical or magnetic media, including software, are included in the appropriate classes of Division J Information Media and Telecommunications; and</li> <li>➤ Audio, motion picture and/or video production and/or distribution are included in the appropriate classes of Division J Information Media and Telecommunications</li> </ul>
<b>2411-Photographic, Optical and Ophthalmic Equipment manufacturing</b>	This class consists of units mainly engaged in manufacturing photographic equipment (except sensitised photographic film, paper, plates or chemicals), optical instruments or equipment or	<ol style="list-style-type: none"> <li>1. Binocular Manufacturing</li> <li>2. Camera Manufacturing</li> <li>3. Contact Lens Manufacturing</li> <li>4. Microscope Manufacturing</li> <li>5. Ophthalmic Article Manufacturing</li> <li>6. Optical Instrument or Equipment Manufacturing</li> <li>7. Optical Lens Grinding</li> <li>8. Spectacle Frame Manufacturing</li> <li>9. Spectacle lens Grinding</li> <li>10. Sunglasses Manufacturing</li> </ol>	<p><b>Units Mainly Engaged In:</b></p> <ul style="list-style-type: none"> <li>➤ Manufacturing optical glasses or blanks for lenses are included in Class 2010 Glass and Glass Product Manufacturing</li> <li>➤ Manufacturing sensitised photographic films, plates, papers or chemicals are included in Class 1891 Photographic Chemical Product Manufacturing</li> <li>➤ Manufacturing photocopying</li> </ul>

	ophthalmic equipment. Also included are units mainly engaged in grinding optical lenses	11. Telescope Manufacturing	<p>machines are included in Class 2421 Computer and Electronic Office Equipment Manufacturing</p> <ul style="list-style-type: none"> <li>➤ Testing sight, diagnosing sight defects or dispensing spectacles or contact lenses are included in Class 8532 Optometry and Optical Dispensing</li> <li>➤ Processing photographic films are included in Class 9532 Photographic Film Processing</li> </ul>
<b>2419- Other Professional and Scientific Equipment Manufacturing</b>	This class consists of units mainly engaged in manufacturing navigational, measuring or other professional and scientific equipment not elsewhere classified such as control or meteorological or surveying equipment or instruments of specialised parts for such equipment	<ol style="list-style-type: none"> <li>1. Clock manufacturing</li> <li>2. Control equipment, electrical manufacturing</li> <li>3. Electricity and electric signal testing equipment manufacturing</li> <li>4. Gas meter manufacturing</li> <li>5. Global positioning system (GPS) equipment manufacturing</li> <li>6. Laboratory analytic instrument manufacturing</li> <li>7. Magnetic resonance imaging (except medical) equipment manufacturing</li> <li>8. Measuring instrument manufacturing</li> <li>9. Meteorological instrument manufacturing n.e.c.</li> <li>10. Nautical instrument manufacturing</li> <li>11. Navigational systems and equipment manufacturing</li> <li>12. Optical fibre cable, uninsulated, manufacturing</li> <li>13. Parking meter manufacturing</li> <li>14. Professional and scientific</li> </ol>	<p><b>Units Mainly Engaged In:</b></p> <ul style="list-style-type: none"> <li>➤ Manufacturing photographic, optical or ophthalmic equipment are included in Class 2411 Photographic, Optical and Ophthalmic Equipment Manufacturing</li> <li>➤ Manufacturing equipment for measuring and testing communications signals are included in Class 2422 Communication Equipments Manufacturing</li> <li>➤ Manufacturing motor control switches and relays are included in Class 2439 Other Electrical Equipment Manufacturing</li> <li>➤ Manufacturing insulated optical fibre cable are included in Class 2431 Electric Cable and Wire Manufacturing</li> </ul>

		<p>equipment manufacturing n.e.c.</p> <p>15.Radar Systems and equipment manufacturing</p> <p>16.Radio remote control equipment manufacturing n.e.c.</p> <p>17.Signalling equipment, electrical, manufacturing n.e.c.</p> <p>18.Sonar systems and equipment manufacturing</p> <p>19.Surveying instrument manufacturing</p> <p>20.Taxi meter manufacturing</p> <p>21.Traffic signal, electrical, manufacturing</p> <p>22.Watch manufacturing</p> <p>23.Water meter manufacturing</p>	
<b>2421-Computer and Electronic Office Equipment Manufacturing</b>	This class consists of units mainly engaged in manufacturing computers, computer peripheral equipment or other electronic office equipment	<ol style="list-style-type: none"> <li>1. Calculator Manufacturing</li> <li>2. Cash Register Manufacturing</li> <li>3. Computer Manufacturing</li> <li>4. Computer Monitor Manufacturing</li> <li>5. Computer Peripheral Manufacturing</li> <li>6. Computer Printer Manufacturing</li> <li>7. Joystick Manufacturing</li> <li>8. Keyboard Manufacturing</li> <li>9. Laptop Manufacturing</li> </ol>	<p><b>Units Mainly Engaged in:</b></p> <ul style="list-style-type: none"> <li>➤ Maintaining or repairing computers are included in Class 9422 Electronic (except Domestic Appliance) and Precision Equipment Repair and Maintenance;</li> <li>➤ Manufacturing digital telecommunications switches, local area network and wide area network</li> </ul>
<b>2421-Computer and Electronic Office Equipment Manufacturing cont...</b>		<ol style="list-style-type: none"> <li>10.Office Machine (Electronic) Manufacturing</li> <li>11.Photocopying Machine Manufacturing</li> <li>12.Typewriter (Electronic) Manufacturing</li> </ol>	<p>communications equipment, such as bridges, routers and gateways; or internal or external computer modems; are included in Class 2422 Communication Equipment Manufacturing;</p> <ul style="list-style-type: none"> <li>➤ Manufacturing electronic</li> </ul>

			<p>components for computers, such as sound, video, controller and network interface cards, and semiconductor equipment are included in Class 2429 Other Electronic Equipment Manufacturing; and</p> <ul style="list-style-type: none"> <li>➤ Providing computer consultancy services are included in Class 7000 Computer System Design and Related Services</li> </ul>
<p><b>2422-Communication Equipment Manufacturing</b></p>	<p>This class consists of units mainly engaged in manufacturing electronic and/or studio equipment for television or radio broadcasting; data transmission equipment, such as routers or modems; or telecommunication (including telephone) data communication, receiver or transceiver equipment</p>	<ol style="list-style-type: none"> <li>1. Cable Television Equipment Manufacturing</li> <li>2. Data Transmission Equipment (Bridges, Gateways, Routers etc.) Manufacturing</li> <li>3. Intercom Equipment Manufacturing</li> <li>4. Modem Manufacturing</li> <li>5. Pager Manufacturing</li> <li>6. Radio Broadcast Studio Equipment Manufacturing</li> <li>7. Radio Transceiver Manufacturing</li> <li>8. Radio Transmitter Manufacturing</li> <li>9. Remote Monitoring Alarm System Equipment Manufacturing</li> <li>10. Telecommunication Equipment Manufacturing</li> <li>11. Telephone Equipment Manufacturing</li> <li>12. Telephone Switching Equipment Manufacturing</li> <li>13. Telephone, Cellular, Manufacture</li> <li>14. Television Antenna or Parts Manufacturing</li> <li>15. Television Studio Equipment Manufacturing</li> </ol>	<p><b>Units Mainly Engaged In:</b></p> <p>Installing radio or television broadcasting equipment or telephone, telegraph or telex equipment are included in Class 3109 Other Heavy and Civil Engineering Construction;</p> <ul style="list-style-type: none"> <li>➤ Manufacturing audio or visual receivers such as televisions or radios, or sound reproducing and/or recording equipment, are included in Class 2429 Other Electronic Equipment Manufacturing; and</li> <li>➤ Manufacturing alarm system equipment (except remote monitoring alarm systems) are included in Class 2429 Other Electronic Equipment Manufacturing</li> </ul>

<b>2429- Other Electronic Equipment Manufacturing</b>	This class consists of units mainly engaged in manufacturing audio or visual receiving sets, sound reproducing and/or recording equipment, radio receiving sets (except radio transceivers or radio telegraphic or telephone receivers), television receiving sets, headphones, electronic equipment or components not elsewhere classified	<ol style="list-style-type: none"> <li>1. Amplifier, Audio-Frequency, Manufacturing</li> <li>2. Blank Computer Disc Manufacturing</li> <li>3. Blank Video Cassette Manufacturing</li> <li>4. Circuit Board, Printed (Bare or Loaded), Manufacturing</li> <li>5. Compact Disc Player Manufacturing</li> <li>6. Earphone Manufacturing</li> <li>7. Electronic Circuit Component Manufacturing</li> <li>8. Fire Alarm Apparatus Manufacturing</li> <li>9. Headphone Manufacturing</li> <li>10. Integrated Circuit Manufacturing</li> <li>11. Loudspeaker Manufacturing</li> <li>12. Microphone Manufacturing</li> <li>13. Radio Receiving Set Manufacturing</li> <li>14. Record Player Manufacturing</li> <li>15. Semi-Conductor Manufacturing</li> </ol>	<b>Units mainly engaged in</b> <ul style="list-style-type: none"> <li>➤ Manufacturing electronic scooters or wheelchairs are included in Class 2399 Other Transport Equipment Manufacturing n.e.c. Manufacturing television antennae or parts are included in Class 2422 Communication Equipment manufacturing;</li> <li>➤ Manufacturing radio transceivers, radio telegraphic receivers, radio or television broadcasting equipment (including studio apparatus n.e.c.), closed circuit television equipment or parts for radio, television or audio equipment are included in Class 2422 Communication Equipment Manufacturing;</li> </ul>
<b>2429- Other Electronic Equipment Manufacturing cont...</b>		<ol style="list-style-type: none"> <li>16. Sound Recording Equipment Manufacturing</li> <li>17. Sound Reproducing Equipment Manufacturing</li> <li>18. Tape Recorder Manufacturing</li> <li>19. Television Receiving Set Manufacturing</li> <li>20. Transistor Manufacturing</li> </ol>	<ul style="list-style-type: none"> <li>➤ Manufacturing remote monitoring alarm system equipment or intercom equipment are included in Class 2422 Communication Equipment Manufacturing</li> <li>➤ Repairing record players, tape recorders, radio or television receivers are included in Class 9421 Domestic Appliance Repair and Maintenance; and</li> <li>➤ Installing or repairing car radios or cassette players are included in Class 9411 Automotive Electrical Services</li> </ul>
<b>2431- Electric Cable and Wire</b>	This class consists of units mainly engaged	<ol style="list-style-type: none"> <li>1. Co-Axial Cable Manufacturing</li> <li>2. Fuse Wire Manufacturing</li> </ol>	<b>Units Mainly Engaged In:</b> <ul style="list-style-type: none"> <li>➤ Manufacturing uninsulated optical</li> </ul>

<b>Manufacturing</b>	in manufacturing cables, wires or strips capable of conducting electricity, including braided or insulated non-ferrous cables, wires or strips. Units mainly engaged in manufacturing optical fibre cables for data transmission, including telecommunications cables are also included	<ol style="list-style-type: none"> <li>3. Non-Ferrous Cable, Wire or Strip Manufacturing</li> <li>4. Optical Fibre Cable, Insulated, Manufacturing</li> <li>5. Telecommunications Cable Manufacturing</li> <li>6. Wire or Cable, Electric, Manufacturing</li> </ol>	<p>fibre cables are included in Class 2419 Other Professional and Scientific Equipment Manufacturing; and</p> <ul style="list-style-type: none"> <li>➤ Laying or installing electric or telephone cable or wire are included in Class 3232 Electrical Services</li> </ul>
<b>2439- Other Electrical Equipment Manufacturing</b>	This class consists of units mainly engaged in manufacturing batteries, electric motors, generators, electricity transmission or distribution equipment, switchgear, switchboards, transformers or other electrical machinery, equipment, supplies or components not elsewhere classified	<ol style="list-style-type: none"> <li>1. Battery manufacturing ( including motor vehicles)</li> <li>2. Brush, carbon, manufacturing</li> <li>3. Distribution box or board, electricity, manufacturing</li> <li>4. Dry cell battery manufacturing</li> <li>5. Dynamo manufacturing n.e.c</li> <li>6. Electric motor manufacturing n.e.c</li> <li>7. Electric motor rewinding</li> <li>8. Electrical equipment for machinery manufacturing n.e.c</li> <li>9. Furnace, electric, manufacturing (except space heaters)</li> <li>10. Fuse for cut-out manufacturing</li> <li>11. Generator manufacturing (except wind powered)</li> <li>12. Magnet Manufacturing</li> <li>13. Soldering, Iron, electrical, manufacturing</li> </ol>	<p><b>Units Mainly Engaged In:</b></p> <ul style="list-style-type: none"> <li>➤ Manufacturing windmills are included in class 2461 Agricultural Machinery and Equipment Manufacturing</li> <li>➤ Manufacturing soldering for welding flux are included in Class 1899 Other Basic Chemical Product Manufacturing n.e.c</li> <li>➤ Manufacturing automotive electrical parts( except batteries) are included in Class 2313 Automotive Electrical Component Manufacturing</li> <li>➤ Installing (on-site assembly) of heavy electrical machinery are included in Class 3109 Other Heavy and Civil Engineering Construction</li> </ul>

		14. Transformer manufacturing 15. Transmission equipment manufacturing 16. Welding equipment, electrical, manufacturing 17. Wet cell battery manufacturing	
<b>3109- Other Heavy and Civil Engineering Construction</b>	This class consists of units mainly engaged in the construction of residential buildings (except houses) or in carrying out alterations, additions or renovations to such buildings or in organising or managing these activities.	1. Apartment construction 2. Duplex house construction 3. Flat construction 4. High-rise flat construction 5. Renovation or alteration of residential buildings n.e.c 6. Semi-detached house construction	<b>Units Mainly Engaged In:</b> <ul style="list-style-type: none"> <li>➤ Off-site production of prefabricated buildings components are included in the appropriate classes of Group 222 Structural Metal Product manufacturing</li> <li>➤ The construction of hotels, hostels, hospitals and other public buildings are included in Class 3020 Non-Residential Building Construction</li> <li>➤ Providing special trade repair services such as electrical or plumbing repairs are included in the appropriate classes of Group 323 Building Installation Services</li> <li>➤ Providing architectural or building consultancy services are included in the appropriate classes of Group 692 Architectural, Engineering and Technical services</li> </ul>
<b>3232- Electrical Services</b>	This class consists of units mainly engaged in the installation of electrical wiring for fittings in buildings for other construction projects. Electrical work arising from the	1. Electric light installation 2. Electric wiring installation 3. Electrical installation work (e.g. switchboards, circuit breakers, etc) 4. Installation of television antennae or cable 5. Installation of television satellite dish	<b>Units Mainly Engaged in:</b> <ul style="list-style-type: none"> <li>➤ Repairing electricity transmission or distribution lines are included in Class 3109 Other Heavy and civil Engineering Construction</li> <li>➤ Installing fire and /or security systems are included in Class 3234 Fire and Security Alarm Installation</li> </ul>

	installation of appliances is included in this class	6. Repair for maintenance of electrical wiring (except of electricity transmission for distribution lines) Telecommunication cable for wire installation (except transmission lines)  8. Traffic signal installation	Services ➤ Repairing electrical appliances are included in Class 9421 Domestic Appliance Repair and Maintenance.
<b>3492- Computer and Computer Peripheral Wholesaling</b>	This class consists of units mainly engaged in wholesaling computers or computer peripheral equipment	1. Blank Compact Disc (CD) Wholesaling 2. Blank Computer Disc Wholesaling 3. Blank Digital Versatile Disc (DVD) Wholesaling 4. Computer Game Wholesaling 5. Computer Peripheral Wholesaling n.e.c. 6. Computer Software Wholesaling 7. Computer Wholesaling 8. Inkjet Printer Wholesaling 9. Keyboard Wholesaling 10. Laser Printer Wholesaling	<b>Units Mainly Engaged In:</b> ➤ Wholesaling telecommunication goods are included in Class 3493 Telecommunication Goods Wholesaling; and ➤ Wholesaling pre-recorded audio or visual entertainment media such as CDs or DVDs are included in Class 3739 Other Goods Wholesaling n.e.c.
<b>3493- Telecommunication Goods Wholesaling</b>	This class consists of units mainly engaged in wholesaling telecommunication goods	1. Cellular Telephone Wholesaling 2. Communication Equipment Wholesaling 3. Facsimile (Fax) Machine Wholesaling 4. Mobile Phone Accessory Wholesaling 5. Mobile Phone Battery Wholesaling 6. Mobile Phone Wholesaling 7. Modem Wholesaling 8. Telecommunication Equipment Parts Wholesaling 9. Telephone and Electric Cable Ducting System Wholesaling 10. Telephone or Telegraph Equipment Wholesaling	n/a

		11.Two-Way Radio Equipment Wholesaling	
<b>3494- Other Electrical and Electronic Goods Wholesaling</b>	This class consists of units mainly engaged in wholesaling electrical or electronic goods not elsewhere classified	<ol style="list-style-type: none"> <li>1. Air Conditioning Equipment, Electric, Wholesaling</li> <li>2. Alarm System, Electric or Electronic, Wholesaling</li> <li>3. Battery, Dry Cell, Wholesaling</li> <li>4. Bulb or Tube, Electric Light, Wholesaling</li> <li>5. Cable or Wire, Electric, Wholesaling</li> <li>6. Calculator Wholesaling</li> <li>7. Camera Wholesaling</li> <li>8. Cash Register Wholesaling</li> <li>9. Digital Versatile Disc (DVD) Players Wholesaling</li> <li>10. Electric Fitting Dealing (Wholesaling) n.e.c.</li> <li>11. Electrical Distribution Equipment Wholesaling</li> <li>12. Electrical Goods Wholesaling n.e.c.</li> <li>13. Electrical Measuring or Testing Instrument Wholesaling</li> <li>14. Electronic Goods Wholesaling n.e.c.</li> <li>15. Fan, Electric, Wholesaling</li> <li>16. Floor Polisher Wholesaling</li> <li>17. Generator, Electricity, Wholesaling</li> <li>18. Kitchen Appliance, Electric, Wholesaling</li> <li>19. Light Fitting, Electric, Wholesaling</li> <li>20. Motor, Electric, Wholesaling</li> <li>21. Photocopier Wholesaling</li> </ol>	<b>Units Mainly Engaged In:</b> ➤ Wholesaling binoculars or photographic film are included in Class 3499 Other Machinery and Equipment Wholesaling n.e.c.
<b>3494- Other Electrical and</b>		Wholesaling 22. Photographic Equipment, Electrical	

<b>Electronic Goods Wholesaling cont...</b>		or Electronic, Wholesaling 23. Photographic Equipment, Electrical or Electronic, Wholesaling 24. Radio or Television Part Wholesaling 25. Radio Receiving Set Wholesaling 26. Refrigeration Equipment, Wholesaling 27. Scale, Electrical or Electronic, Wholesaling 28. Sewing Machine Wholesaling 29. Shaver, Electric, Wholesaling 30. Shop or Office Scale Wholesaling 31. Sound Recording or Reproducing Equipment, Wholesaling 32. Stove or Heater Wholesaling 33. Switchgear, Electrical, Wholesaling 34. Television Set Wholesaling 35. Vacuum Cleaner Wholesaling 36. Video Cassette Recorder (VCR) Wholesaling 37. Washing Machine Wholesaling 38. Welding Equipment, Electrical,	
<b>3499- Other Machinery and Equipment Wholesaling n.e.c.</b>	This class consists of units mainly engaged in wholesaling machinery and equipment not elsewhere classified	1. Air Conditioning Equipment, Non-Electric, Wholesaling 2. Bearing Wholesaling 3. Binocular Wholesaling 4. Blank Cassette Wholesaling 5. Boat Wholesaling	<b>Units Mainly Engaged In:</b> ➤ Wholesaling electrical or electronic equipment, including cameras, are included in Class 3494 Other Electrical and Electronic Goods Wholesaling; and ➤ Wholesaling motor vehicle engines
<b>3499- Other Machinery and Equipment Wholesaling n.e.c. cont...</b>		6. Compressor, Air or Gas, Wholesaling 7. Display or Notice Board Wholesaling 8. Fire Protection Equipment, Wholesaling 9. Furnace or Furnace Equipment,	are included in Class 3504 Motor Vehicle New Parts Wholesaling

		<p>Industrial, Wholesaling (except Electrical)</p> <p>10. Gas Generator or Equipment Wholesaling</p> <p>11. Gas Heater Wholesaling</p> <p>12. Hairdressing Equipment Wholesaling</p> <p>13. Industrial Brush Wholesaling</p> <p>14. Internal Combustion Engine Wholesaling (except Motor Vehicle Engines)</p> <p>15. Jetski Part Wholesaling</p> <p>16. Jetski Wholesaling</p> <p>17. Kerosene Heater Wholesaling</p> <p>18. Lubricating Machinery or Equipment Wholesaling</p> <p>19. Machinery and Equipment Wholesaling n.e.c.</p> <p>20. Marine Engine Wholesaling</p> <p>21. Marine Equipment Wholesaling</p> <p>22. Material Handling Equipment Wholesaling</p> <p>23. Oil Heater Wholesaling</p> <p>24. Photographic Film Wholesaling</p> <p>25. Photographic Supply Wholesaling</p>	
<b>3499- Other Machinery and Equipment Wholesaling n.e.c. cont...</b>		<p>n.e.c.</p> <p>26. Potable Fire Extinguisher Wholesaling</p> <p>27. Pumping Machinery or Equipment Wholesaling</p> <p>28. Scale, Non-Electrical or Non-Electronic, Wholesaling</p> <p>29. Weighing Machinery Wholesaling n.e.c.</p> <p>30. Wire Working Machinery or Equipment Wholesaling</p>	

<b>3800- Commission-Based Wholesaling</b>	<p>This class consists of units mainly engaged in the sale of goods or services on behalf of one or more principals on a fee or commission basis. These activities include units who arrange the sale of goods on behalf of a principal, but do not take title to the goods</p>	<ol style="list-style-type: none"> <li>1. Auction Service (except Real Estate)</li> <li>2. Auctioning Livestock</li> <li>3. Export Agent, Wholesaler</li> <li>4. Goods Wholesale Broking n.e.c.</li> <li>5. Import Agent, Wholesaler</li> <li>6. Livestock Agent</li> <li>7. Manufacturer's Sales Agent</li> <li>8. Stock and Station Agent</li> <li>9. Stockyard Operation</li> <li>10. Wholesaler's Sales Agent</li> <li>11. Wool Broking</li> </ol>	<p><b>Units Mainly Engaged In:</b></p> <ul style="list-style-type: none"> <li>➤ The arrangement of the purchase of travel and related services are included in Class 7220 Travel Agency and Tour Arrangement Services</li> <li>➤ The activities of real estate agents are included in Class 6720 Real Estate Services; and</li> <li>➤ The broking of financial or insurance services are included in the appropriate classes of Subdivision 64 Auxiliary Finance and Insurance Services</li> </ul>
<b>4221- Electrical, Electronic and Gas Appliance Retailing</b>	<p>This class consists of units mainly engaged in retailing electrical, electronic or gas appliances (except computers and computer peripherals)</p>	<ol style="list-style-type: none"> <li>1. Air conditioning retailing</li> <li>2. Appliance, electric, retailing</li> <li>3. Barbeque retailing</li> <li>4. Camera retailing</li> <li>5. Compact disc player retailing</li> <li>6. Cooking utensil, electric, retailing</li> <li>7. Digital versatile disc (DVD) player retailing</li> <li>8. Electronic beeper retailing</li> <li>9. Fan, electric, retailing</li> <li>10. Floor polisher, electric, retailing</li> <li>11. Gas appliance retailing</li> <li>12. Heating equipment, electric or gas, retailing</li> <li>13. Mobile phone retailing</li> <li>14. Modem retailing</li> <li>15. Pager retailing</li> <li>16. Pocket calculator, electronic, retailing</li> <li>17. Projector retailing</li> </ol>	<p><b>Units Mainly Engaged In :</b></p> <ul style="list-style-type: none"> <li>➤ Retailing computer or computer peripheral equipment are included in Class 4222 Computer and Computer Peripheral Retailing</li> <li>➤ Retailing CDs, DVDs or other entertainment media are included in Class 4242 Entertainment Media Retailing</li> <li>➤ Retailing car radios are included in Class 3921 Motor Vehicles Parts Retailing</li> <li>➤ Installing heating, refrigeration for air conditioning equipment are included in Class 3233 Air Conditioning and Heating Services</li> <li>➤ Hiring Household appliances are included in Class 6639 Other Goods and Equipment Rental and Hiring n.e.c</li> </ul>

		18. Radio receiving set retailing (except car radios) 19. Refrigerator, retailing 20. Shaver, electric, retailing 21. Sound reproducing equipment retailing 22. Stereo retailing 23. Stove, retailing 24. Television antennae retailing 25. Television set retailing 26. Two-way radio equipment retailing 27. Vacuum cleaner retailing 28. Video cassette recorder (VCR) retailing Washing machine retailing	➤ Repairing and maintaining electrical, electronic and gas domestic appliances are included in Class 9421 Domestic Appliance Repair and Maintenance
<b>4222- Computer and Computer Peripheral Retailing</b>	This Class consists of units mainly engaged in retailing computers for computers peripheral equipment	1. Compact disc burner retailing 2. Computer equipment retailing 3. Computer game console retailing 4. Computer hardware retailing 5. Computer software retailing (except computer games) 6. Printer retailing Visual display unit (VDU) retailing	<b>Units Mainly Engaged In:</b> ➤ Retailing computer games are included in Class 4242 Entertainment Media Retailing.
<b>4229- Other Electrical and Electronic Goods Retailing</b>	This class consists of units mainly engaged in retailing electrical and electronic goods not elsewhere classified	1. Dry Cell Battery Retailing 2. Electric Light Fittings Retailing 3. Electrical Goods Retailing n.e.c. 4. Electronic Goods Retailing n.e.c.	n/a
<b>4242- Entertainment Media Retailing</b>	This class consists of units mainly engaged in retailing audio tapes, compact discs,	1. Audio cassette retailing 2. Compact disc retailing 3. Computer game retailing 4. Digital versatile disc (DVD)	<b>Units Mainly Engaged In:</b> ➤ Retailing second hand records, tapes, CDs, DVDs or videos are included in Class 4273 Antique and

	computer games , digital versatile discs for video cassettes	retailing 5. Video cassette retailing	Used Goods Retailing ➤ Retailing CD players, DVD players ,VCRs or other appliances are included in Class 4221 Electrical, Electronic and Gas Appliance Retailing ➤ Retailing computers and computer peripherals are included in Class 4222 Computer and Computer Peripheral Retailing
<b>4273- Antique and Used Goods Retailing</b>	This class consists of units mainly engaged in retailing antiques for second hand goods (except motor vehicles for motor cycles and parts)	1. Antique retailing 2. Con dealing (retailing) 3. Disposals retailing 4. Pawnbroking 5. Second hand book retailing 6. Second had cloth retailing 7. Second hand electrical, electronic or computer equipment retailing 8. Second hand furniture retailing 9. Second hand goods retailing n.e.c 10. Second hand jewellery retailing 11. Second hand record, tape, CD, DVD, for video retailing 12. Second hand sports card retailing 13. Stamp, collectible, dealing (retailing_	<b>Units Mainly Engaged In:</b> ➤ Retailing second hand motor vehicles are included in Class 3911 Car Retailing ➤ Retailing second hand motor cycles are included in Class 3912 Motor Cycle Retailing ➤ Retailing second hand motor vehicle or motor cycle parts are included in Class 3921 Motor Vehicle Parts Retailing ➤ Proving auctioning services are included in Class 38000 Commission Based Wholesaling
<b>4279 Other Store Based Retailing n.e.c</b>	This class consists of units mainly engaged in retailing goods not elsewhere classified	1. Art gallery operation (retail) 2. Binocular retailing 3. Bottled liquefied petroleum gas (LPG) retailing	<b>Units Mainly Engaged In:</b> ➤ Retailing second hand sport cards are included in Class 4273 Antique and Used Goods Retailing

	from store based premises	<ol style="list-style-type: none"> <li>4. Briquette retailing</li> <li>5. Clock retailing</li> <li>6. Coal retailing</li> <li>7. Coke retailing</li> <li>8. Computer consumables (toners, inks) retailing</li> <li>9. Craft goods retailing</li> <li>10. Duty free store operation</li> <li>11. Firewood retailing</li> <li>12. Firework retailing</li> <li>13. Greeting card retailing</li> <li>14. Ice retailing</li> <li>15. Map retailing</li> <li>16. Musical instrument retailing</li> <li>17. Pet and pet accessory retailing</li> <li>18. Photographic chemical retailing</li> <li>19. Photographic film or paper retailing</li> <li>20. Pram retailing</li> <li>21. Religious goods (except books) retailing</li> <li>22. Speciality stores n.e.c.</li> <li>23. Store-based retailing n.e.c.</li> <li>24. Swimming pool retailing</li> <li>25. Tobacco product retailing</li> </ol> <p>Variety store operation</p>	<ul style="list-style-type: none"> <li>➤ Retailing religious books are included in Class 4244 Newspaper and Book Retailing</li> <li>➤ Retailing goods without the use of a shopfront or physical store presence are included in Class 4310 Non Store Retailing</li> <li>➤ Retailing goods on a commission basis are included in Class 4320 Retail Commission Based Buying and /or Selling</li> </ul>
<b>4310- Non Store Retailing</b>	This class consists of units mainly engaged in retailing goods without the use of a shopfront or physical store presence, including milk vendors, sole e-commerce retailers and direct shopping	<ol style="list-style-type: none"> <li>1. Direct mail retailing</li> <li>2. Direct selling of books</li> <li>3. Direct selling of cosmetics</li> <li>4. Direct selling of goods n.e.c.</li> <li>5. Internet retailing</li> <li>6. Milk vending</li> <li>7. Mobile food retailing (except take away food)</li> <li>8. Vending machine operation (except leasing)</li> </ol>	<p><b>Units Mainly Engaged In:</b></p> <ul style="list-style-type: none"> <li>➤ The Retailing of goods through means of a shopfront or physical store presence are included in the appropriate classes of subdivisions within the Retail Trade Division</li> <li>➤ Providing mobile food services such as ice cream vending from a van are included in Class 4512 Takeaway Food Services</li> </ul>

	units		
<b>4320- Retail Commission-Based Buying and/or Selling</b>	This class consists of units mainly engaged in selling goods to the general public on a fee for commission basis. These activities include units who arrange the sale of goods on behalf off a principle but do not take title to the goods themselves	<ol style="list-style-type: none"> <li>1. Commission-based milk vending</li> <li>2. Commission buying service</li> <li>3. Commission retailing of books</li> <li>4. Commission retailing of cosmetics</li> <li>5. Commission retailing of health foods</li> </ol> Commission selling service	<b>Units Mainly Engaged In:</b> <ul style="list-style-type: none"> <li>➤ The commission based buying and selling of real estate are included in Class 6720 Real Estate services</li> <li>➤ The Broking of financial or insurance services are included in the appropriate classes of Subdivision 64 Auxiliary Finance and Insurance Services</li> <li>➤ Providing auction services are included in Class 3800 Commission Based Wholesaling</li> </ul>
<b>7000- Computer Systems Design and Related Services</b>	This class consists of units mainly engaged in providing expertise in the field of information technologies such as writing, modifying, testing for supporting software to meet the needs of a particular consumer, or planning and designing computer systems that integrate computer hardware, software and communication technologies	<ol style="list-style-type: none"> <li>1. Computer hardware consulting service</li> <li>2. Computer programming service</li> <li>3. Computer software consulting service</li> <li>4. Internet and web design consulting service</li> <li>5. Software development (customised) service (except publishing)</li> <li>6. Software installation service</li> </ol> Systems analysis service	<b>Units Mainly Engaged In :</b> <ul style="list-style-type: none"> <li>➤ Mass producing computer software are included in Class 1620 Reproduction of Recorded Media</li> <li>➤ Leasing or hiring electronic computers or other data processing equipment are included on Class 6639 Other Goods and Equipment Rental and Hiring n.e.c</li> <li>➤ Computer software publishing are included in Class 5420 Software Publishing</li> <li>➤ Proving data processing services or computer data storage and retrieval services are included in the appropriate classes of Group 592 Data Processing, Web Hosting and Electronic Information Storage Services</li> </ul>
<b>9422- Electronic</b>	This class consists of	1. Communication Equipment, Repair	<b>Units Mainly Engaged In:</b>

<p><b>(except Domestic Appliance) and Precision Equipment Repair and Maintenance</b></p>	<p>units mainly engaged in repairing and maintaining electronic equipment (except domestic appliances) such as computers and communications equipment, and/or highly specialised precision instruments</p>	<p>and Maintenance</p> <ol style="list-style-type: none"> <li>2. Computer and Computer Peripheral Equipment Repair and Maintenance</li> <li>3. Dental Equipment Repair and Maintenance</li> <li>4. Diagnostic Imaging Equipment Repair and Maintenance</li> <li>5. Electrical Measuring Instrument Repair and Maintenance</li> <li>6. Facsimile (Fax) Machine Repair and Maintenance</li> <li>7. Laboratory Instrument Repair and</li> </ol>	<ul style="list-style-type: none"> <li>➤ Repairing and maintaining electrical, electronic and gas domestic appliances are included in Class 9421 Domestic Appliance Repair and Maintenance; and</li> <li>➤ Monitoring security systems are included in Class 7712 Investigation and Security Services</li> </ul>
		<ol style="list-style-type: none"> <li>8. Maintenance</li> <li>9. Measuring Equipment Repair and Maintenance</li> <li>10. Medical and Surgical Equipment Repair and Maintenance</li> <li>11. Meteorological Instrument Repair and Maintenance</li> <li>12. Navigation Instrument (including Radar and Sonar) Repair and Maintenance</li> <li>13. Office Machine Repair and Maintenance</li> <li>14. Optical Instrument (including Microscopes and Telescopes) Repair and Maintenance</li> <li>15. Photocopying Machine Repair and Maintenance</li> <li>16. Photographic (including camera) equipment repair</li> <li>17. Precision equipment calibration</li> <li>18. Radar and sonar equipment repair and maintenance</li> <li>19. Scales, professional or scientific,</li> </ol>	

		repair and maintenance 20. Surgical equipment repair and maintenance 21. Surveying equipment repair and maintenance 22. Telephone equipment repair and maintenance	
<b>5700-Internet Publishing and Broadcasting</b>	This class consists of units mainly engaged in publishing and or broadcasting content on the internet. Units in this class provide textual, audio and or video content of general or specific interest on the internet. These units do not provide traditional(non-internet) version of the content they publish or broadcast	1. Internet art print publishing 2. Internet atlas publishing 3. Internet audio broadcasting 4. Internet book publishing 5. Internet directory publishing 6. Internet encyclopaedia and dictionary publishing 7. Internet greeting card publishing 8. Internet journal publishing 9. Internet magazine publishing 10. Internet news publishing 11. Internet periodical publishing Internet video broadcasting	<b>Units Mainly Engaged In:</b> <ul style="list-style-type: none"> <li>➤ Providing internet access and operating web search portals( search engines) are included in Class 5910 Internet Service Providers and Web Search Portals</li> <li>➤ Providing internet streaming services are included in the class 5921 Data Processing and web Hosting Services</li> <li>➤ Publishing newspapers, periodicals, books and other information products using traditional methods (eg print) as well as the internet are included in the appropriate classes of Subdivision 54 Publishing (except Internet and Music Publishing) according to the type of product published</li> <li>➤ Operating units of stock brokerages, travel reservation systems, purchasing services and similar activities using the internet rather than traditional</li> </ul>

			methods are included on classes according to their primary activity
<b>5801- Wired Telecommunications Network Operation</b>	This class consists of units mainly engaged on operating, maintaining or providing access to facilities for the transmission of voice, data, text, sound and video using wired telecommunications networks. Units operate fixed (wired) telecommunication infrastructure, but may also utilise other types of technologies in order to deliver services	<ol style="list-style-type: none"> <li>1. International telephone network operation (wired)</li> <li>2. Local telephone network operation (wired)</li> <li>3. Long distance telephone network operation (wired)</li> <li>4. Telecommunications network operation (wired)</li> </ol>	<p><b>Units Mainly Engaged In:</b></p> <ul style="list-style-type: none"> <li>➤ Operating and maintaining switching and transmission facilities that provide omnidirectional or point to point communications via wireless telecommunication networks are included in class 5802 Other Telecommunication Network Operation</li> <li>➤ Reselling telecommunications without operating a network are included in Class 5809 Other Telecommunications Services</li> <li>➤ Producing and broadcasting television programs for pay or subscription television networks or stations are included in Class 5622 Cable and Other Subscription Broadcasting</li> <li>➤ Publishing telephone directories are included in Class 5411 Directory and Mailing List Publishing</li> <li>➤ Maintaining and installing telecommunications systems are included in Class 3109 Other heavy and Civil Engineering Construction</li> </ul>
<b>5802- Other</b>	This class consists	1. Mobile telecommunications	<b>Units Mainly Engaged In:</b>

<b>Telecommunications Network Operation</b>	of units mainly engaged in operating and maintaining switching and transmission facilities that provide omni-directional for point to point communications via wireless telecommunication networks. Transmission facilities may be based on a single technology or a combination of technologies, including communications via airways and through satellite systems	network operation 2. Satellite telecommunications network operation 3. Wireless telecommunications network operation	<ul style="list-style-type: none"> <li>➤ Operating, maintaining or providing access to facilities for the transmission of voice, data, text, sound and video using wired telecommunications networks are included in Class 5801 Wired Telecommunications Network Operation</li> <li>➤ Reselling telecommunications without operating a network are included in Class 5809 Other Telecommunications Services</li> <li>➤ Broadcasting television programs for pay for subscription television networks or stations are included in Class 5622 Cable and Other Subscription Broadcasting</li> <li>➤ Maintaining and installing telecommunications systems are included in the appropriate classes of Division E Construction</li> </ul>
<b>5420- Software Publishing</b>	This class consists of units mainly engaged in creating and disseminating ready made (non-customised) computer software	1. Software publishing (non-customised)	<b>Units Mainly Engaged in:</b> <ul style="list-style-type: none"> <li>➤ Providing customised software design consulting services are included in Class 7000 Computer Systems Design and Related Services</li> <li>➤ The mass duplication of software</li> </ul>

			<p>are included in Class 1620 Reproduction of Recorded Media</p> <ul style="list-style-type: none"> <li>➤ Wholesaling computer software are included in Class 3492 Computer and Computer Peripheral Wholesaling</li> <li>➤ Retailing computer software (except games) are included in Class 4222 Computer and Computer Peripheral Retailing</li> </ul>
<b>5910- Internet Service providers and web search portals</b>	<p>This class consists of units mainly engaged in providing internet access services. Also included are units which provide web search portals used to search the internet</p>	<ol style="list-style-type: none"> <li>1. Internet access provision</li> <li>2. Internet access service, on-line</li> <li>3. Internet search portal operation</li> <li>4. Internet search web site operation</li> <li>5. Internet service provision (ISP)</li> <li>6. Portal web search operation Web search portal operation</li> </ol>	<p><b>Units Mainly Engaged In:</b></p> <ul style="list-style-type: none"> <li>➤ Publishing for broadcasting exclusively on the internet are included in class 5700 Internet Publishing and Broadcasting</li> <li>➤ Providing web hosting services are included in Class 5921 Data Processing and Web Hosting services</li> <li>➤ Internet and web design consulting services are included in Class 7000 Computer Systems Design and related Services</li> <li>➤ Operating units of stock brokerage, travel reservations systems, purchasing services and similar activities using the internet rather than traditional; methods re included in classes according to their primary activity</li> </ul>
<b>5921- Data Processing and</b>	<p>This class consists of units mainly</p>	<ol style="list-style-type: none"> <li>1. Application hosting</li> <li>2. Application service provision</li> </ol>	<p><b>Units Mainly Engaged In:</b></p> <ul style="list-style-type: none"> <li>➤ Providing word processing and</li> </ul>

<b>Web hosting Services</b>	<p>engaged in providing electronic data processing or hosting services. These units provide specialised hosting activities such as web hosting, streaming services for application hosting, provide application services provisioning, or provide general timesharing mainframe facilities to customers. These units provide complete processing and specialised reports from data supplied by customers to provide automated data processing and data entry services.</p>	<ol style="list-style-type: none"> <li>3. Audio and visual media streaming service</li> <li>4. Automated data processing service</li> <li>5. Computer input preparation service</li> <li>6. Computer time leasing or renting</li> <li>7. Computer time sharing service</li> <li>8. Data capture imaging service</li> <li>9. Data entry service (electronic)</li> <li>10. Data processing computer service</li> <li>11. Disk and diskette conversion and recertification service</li> <li>12. Electronic data processing service</li> <li>13. Microfiche or microfilm recording and imaging service</li> <li>14. Optical scanning service</li> </ol> <p>Web hosting</p>	<p>related document preparation activities are included on Class 7292 Document Preparation services</p> <ul style="list-style-type: none"> <li>➤ Providing on site management and operation of a customers data processing facilities are included in Class 7000 Computer System Design and Related Services</li> <li>➤ Gathering, tabulating and presenting marketing and opinion data are included in Class 6950 Market Research and Statistical Services</li> <li>➤ Processing financial transactions such as credit card transaction are included in the appropriate classes of Division K Financial and Insurance Services</li> <li>➤ Proving payroll processing services are included in Class 7291 Office Administrative Services</li> </ul>
<b>5809- Other Telecommunications Service</b>	<p>This class consists of units mainly engaged in providing a range of other telecommunication</p>	<ol style="list-style-type: none"> <li>1. Paging service</li> <li>2. Satellite earth station operation</li> </ol> <p>Telecommunications reselling (including satellite systems)</p>	<p><b>Units Mainly Engaged In:</b></p> <ul style="list-style-type: none"> <li>➤ Operating and maintaining transmission networks to provide point to point communications are included in Class 5801 Wired</li> </ul>

	services such as paging services and other specialized telecommunications applications. Also included in this class are units of telecommunications resellers purchasing access and network capacity from telecommunication carriers.		Telecommunications Network Operation <ul style="list-style-type: none"> <li>➤ Broadcasting television programs for cable systems are included in Class 5622 Cable and Other Subscription Broadcasting</li> <li>➤ Maintaining and installing telecommunications systems are included in the appropriate classes of Division E Construction</li> </ul>
<b>5922- Electronic Information Storage Services</b>	This class consists of units mainly engaged in providing electronic information storage and retrieval services (except library services)	<ol style="list-style-type: none"> <li>1. Computer data storage and retrieval service (except library service)</li> <li>2. Electronic information storage and retrieval service (except library service)</li> </ol>	<b>Units Mainly Engaged In:</b> <ul style="list-style-type: none"> <li>➤ Providing library or archive services are included in Class 6010 Libraries and Archives</li> <li>➤ Providing data processing or hosting services are included in Class 5921 Data Processing and Web Hosting Services</li> </ul>
<b>6639- Other Goods and Equipment Rental and Hiring n.e.c</b>	This class consists of units mainly engaged on hiring, leasing or renting goods and equipment not elsewhere classified.	<ol style="list-style-type: none"> <li>1. Amusement machine, coin operated, rental and hiring</li> <li>2. Art work rental</li> <li>3. Bicycle rental</li> <li>4. Camping equipment rental</li> <li>5. Costume hire</li> <li>6. DIY equipment rental</li> <li>7. Electric and electronic appliance rental</li> <li>8. Furniture rental</li> </ol>	<b>Units Mainly Engaged In:</b> <ul style="list-style-type: none"> <li>➤ Renting and hiring pre-recorded video tapes, discs or other electronic media are included in Class 6632 Video and Other Electronic Media Rental and Hiring</li> </ul>

		<ul style="list-style-type: none"> <li>9. Hand tool rental</li> <li>10. Office machinery rental</li> <li>11. Pot plant hire</li> <li>12. Sound reproducing equipment rental</li> <li>13. Sports and recreation equipment rental</li> <li>14. Suit hire</li> <li>15. Video recorder or player rental</li> </ul>	
<b>3491- Professional and Scientific Goods Wholesaling</b>	This class consists of units mainly engaged in wholesaling scientific, medical or other professional equipment (except photographic equipment)	<ul style="list-style-type: none"> <li>1. Aeronautical equipment wholesaling</li> <li>2. Dental instrument to equipment wholesaling</li> <li>3. Draughting instrument wholesaling</li> <li>4. Mathematical instrument wholesaling</li> <li>5. Medical equipment wholesaling</li> <li>6. Navigational equipment wholesaling</li> <li>7. Optical instrument wholesaling</li> <li>8. Professional equipment wholesaling n.e.c</li> <li>9. Scientific equipment wholesaling</li> <li>10. Surgical equipment wholesaling</li> <li>11. X-ray equipment or film wholesaling</li> </ul>	<p><b>Units Mainly Engaged In:</b></p> <ul style="list-style-type: none"> <li>➤ Wholesaling cameras are included in Class 3494 Other Electrical and Electronic Good</li> <li>➤ Wholesaling</li> <li>➤ Wholesaling binoculars or photographic film are included in class 3499 Other Machinery and Equipment Wholesaling i.e.</li> </ul>
<b>6910- Scientific Research Services</b>	This class consists of units mainly engaged in undertaking research in the agricultural, biological, and	<ul style="list-style-type: none"> <li>1. Aeronautical research service</li> <li>2. Agricultural research service</li> <li>3. biological research service</li> <li>4. Biotechnology research service</li> <li>5. economic research service</li> </ul>	<p><b>Units Mainly Engaged In:</b></p> <ul style="list-style-type: none"> <li>➤ Providing technical or engineering consulting services are included in Class 6923 Engineering Design and Engineering Consulting Services</li> <li>➤ Providing market research or</li> </ul>

	physical or social sciences. Units may undertake the research for themselves or others.	<ol style="list-style-type: none"> <li>6. Food research service</li> <li>7. Industrial research service</li> <li>8. Medical research service</li> <li>9. Observatory research service</li> <li>10. Research farm operation</li> <li>11. Scientific research service</li> <li>12. Social science research service</li> <li>13. Space tracking research station operation</li> </ol>	<p>statistical services are included in Class 6950 Market Research and Statistical Services</p> <ul style="list-style-type: none"> <li>➤ Providing pathological services for the medical profession are included in Class 8520 Pathology and Diagnostic Imaging Services.</li> </ul>
<b>6923- Engineering Design and Engineering Consulting Services</b>	<p>This class consists of units mainly engaged in providing engineering consulting services. These units are primarily involved in applying physical laws and principles of engineering in the design, development and utilization of machines, materials, instruments, structures, processes and systems. Units provide advice, prepare feasibility studies, prepare preliminary and final plans and designs, provide technical services during the construction or installation phase,</p>	<ol style="list-style-type: none"> <li>1. Boat design service</li> <li>2. Building consulting service</li> <li>3. Building inspection service</li> <li>4. Chemical engineering consulting service</li> <li>5. Civil engineering consulting service</li> <li>6. Drafting service, engineering</li> <li>7. Electrical engineering consulting service</li> <li>8. Electronic engineering consulting service</li> <li>9. Engineering consulting service n.e.c</li> <li>10. Geotechnical engineering consulting service</li> <li>11. Hydraulic engineering consulting service</li> <li>12. Industrial design service</li> <li>13. Marine engineering consulting service</li> <li>14. Materials handling engineering consulting service</li> </ol>	<p><b>Units Mainly Engaged In:</b></p> <ul style="list-style-type: none"> <li>➤ The physical or chemical transformation of materials into new products are included in the appropriate classes of Division C manufacturing</li> <li>➤ Managing or organizing construction projects are the prime contractor are included in the appropriate classes of Division E Construction</li> <li>➤ Undertaking scientific research are included in Class 6910 Scientific Research Services</li> <li>➤ Providing Scientific or technical laboratory or testing services are included in Class 6925 Scientific Testing and Analysis Services</li> </ul>

	inspect and evaluate engineering projects and related services	15. Mechanical engineering consulting service 16. Mining engineering consulting service 17. Naval architecture service 18. Process engineering consulting service 19. Quantity surveying service 20. Sanitary engineering consulting service 21. Traffic engineering consulting service	
<b>2412- Medical and Surgical Equipment Manufacturing</b>	This class consists of units mainly engaged in manufacturing medical, surgical or dental equipment, including dentures	1. Artificial eye manufacturing 2. Artificial joint manufacturing 3. Artificial limb manufacturing 4. Dental amalgam manufacturing 5. Dental chair manufacturing (fitted with mechanical device) 6. Dental instrument or equipment manufacturing 7. Dental plaster or cement manufacturing 8. Denture manufacturing 9. Electromedical equipment manufacturing 10. First aid equipment manufacturing 11. Hearing aid manufacturing 12. Hypodermic needle or syringe manufacturing 13. Magnetic resonance imaging (medical) equipment manufacturing	<b>Units Mainly Engaged In:</b> ➤ Manufacturing ophthalmic equipment are included in Class 2411 photographic, Optical and Ophthalmic Equipment Manufacturing

		14. Medical diagnostic apparatus manufacturing 15. Medical equipment manufacturing 16. Medical ultrasound equipment manufacturing 17. Orthotics (arch support) manufacturing 18. Pacemaker manufacturing 19. Respirator manufacturing 20. Surgical equipment manufacturing 21. Thermometer, medical, manufacturing 22. Veterinary instrument manufacturing	
<b>9209- Other Gambling Activities</b>	This class consists of units mainly engaged in operating other gambling services such as totalisator or betting services. Also included in this class are units offering gambling services through the Internet	1. Betting shop operation 2. Bookmaker operation 3. Gambling activity n.e.c 4. Internet gambling operation 5. TAB operation	<b>Units Mainly Engaged In:</b> <ul style="list-style-type: none"> <li>➤ Providing food or liquor and poker/gaming machine services only are included in the appropriate classes of Division H Accommodation and Food Services</li> </ul>
<b>6640- Non-Financial Intangible Assets (Except Copyrights) Leasing</b>	This class consists of Units mainly engaged in holding intellectual property (including trade marks) or other non-financial intangible assets	1. Brand-name leasing 2. Franchise agreement leasing 3. Horticultural plant variety right leasing 4. Mineral exploration right on leasing	<b>Units Mainly Engaged In:</b> <ul style="list-style-type: none"> <li>➤ Deriving income from payments for the use or reproduction of copyrighted assets are included in the appropriate classes of Division J Information Media and Telecommunications</li> </ul>

	(except copyright). The Units derive income from fees paid to them for the use of the assets, including the right to reproduce the assets.	<ol style="list-style-type: none"> <li>5. Patent leasing</li> <li>6. Radio spectrum right leasing</li> <li>7. Taxi cab plate leasing</li> <li>8. Trade mark leasing</li> </ol>	
<b>9429- Other Machinery and Equipment Repair and Maintenance</b>	This class consists of units mainly engaged in the repair and maintenance of machinery and equipment not elsewhere classified. Also included in this class are units which either sharpen/install blades and saws for provide welding repair services	<ol style="list-style-type: none"> <li>1. Agricultural for farm machinery and equipment repair and maintenance</li> <li>2. Blade sharpening</li> <li>3. Brushcutter repair and maintenance</li> <li>4. Construction machinery and equipment repair and maintenance</li> <li>5. Electric motor repair and maintenance, including armature rewinding (except factory based)</li> <li>6. Electrical generating and transmission equipment repair and maintenance</li> <li>7. Engine repair (except automotive)</li> <li>8. Food machinery and equipment (industrial) repair and maintenance</li> <li>9. Forestry machinery and equipment repair and maintenance</li> <li>10. Heavy machinery and</li> </ol>	<p><b>Unit Mainly Engaged In:</b></p> <ul style="list-style-type: none"> <li>➤ Repairing and maintaining electronic and precision equipment are included in class 9422 Electronic ( except Domestic Appliance) and Precision Equipment Repair and Maintenance</li> <li>➤ Repairing and servicing aircraft are included in Class 2394 Aircraft manufacturing and Repair Services</li> <li>➤ Repairing and servicing railway rolling stock are included in Class 2393 Railway Rolling Stock Manufacturing and Repair Services</li> <li>➤ Repairing and overhauling at shipyards ships of 50 tones and over displacements re included in Class 2391 Shipbuilding and Repair Services</li> <li>➤ Repairing boats on under 50 tones displacements are included in Class 2392 Boatbuilding and Repair services</li> <li>➤ Factory rebuilding of electric motors are included in Class 2439</li> </ul>

		<p>equipment repair and maintenance</p> <ol style="list-style-type: none"> <li>11. Hydraulic equipment repair and maintenance</li> <li>12. Lawn mower repair and maintenance</li> <li>13. Machine tool repair and maintenance</li> <li>14. Material handling equipment repair and maintenance</li> <li>15. Mining machinery and equipment repair and maintenance</li> <li>16. Outboard motor repair</li> <li>17. Paper making and printing trade machinery repair and maintenance</li> <li>18. Pump and compressor repair</li> <li>19. Refrigeration equipment (industrial) repair and maintenance</li> <li>20. Shipping barrel and drum reconditioning and repair</li> <li>21. Stove and /or oven (industrial) repair and maintenance</li> <li>22. Textile machinery repair and maintenance</li> <li>23. Washing machine and /or cloths dryer(industrial) repair and maintenance</li> <li>24. Welding repair service (including automotive)</li> </ol>	<p>Other Electrical Equipment manufacturing</p> <ul style="list-style-type: none"> <li>➤ Repairing and maintaining domestic appliance Repair and Maintenance.</li> </ul>
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<b>9421- Domestic Appliance Repair and Maintenance</b>	This class consists of units mainly engaged in repairing and maintaining electrical, electronic and gas domestic appliances	<ol style="list-style-type: none"> <li>1. Air conditioner repair and maintenance</li> <li>2. Appliance domestic repair</li> <li>3. Heater (domestic) repair</li> <li>4. Microwave oven, domestic, repair</li> <li>5. Radio and stereo repair and maintenance (except automotive)</li> <li>6. Refrigerator, domestic, repair</li> <li>7. Sewing machine (domestic) repair</li> <li>8. Stove and/or oven (domestic) repair</li> <li>9. Television repair and maintenance</li> <li>10. VCR and DVD repair and maintenance</li> <li>11. Washing machine and/or clothes dryer (domestic) repair</li> </ol>	<b>Units Mainly Engaged In:</b> <ul style="list-style-type: none"> <li>➤ Reaping and maintaining electronic and precision equipment such as radars, sonar's and telescopes are included in Class 9422 Electronic (except Domestic appliance) and precision Equipment Repair and Maintenance</li> <li>➤ Installing central heating and air conditioning equipment are included in Class 3233 Air Conditioning and Heating Services</li> <li>➤ Installing and repairing automotive (car) radio or CD players are included in Class 9411 Automotive Electrical Services</li> </ul>
<b>3234- Fire and Security Alarm Installation Services</b>	This class consists of units mainly engaged in the installation of fire protection, detection and control systems, and in installing security systems	<ol style="list-style-type: none"> <li>1. Closed circuit video surveillance system installation</li> <li>2. Fire alarm system installation</li> <li>3. Fire sprinkler installation</li> <li>4. Repair of installed fire for burglar security alarm systems</li> <li>5. Security system installation</li> <li>6. Smoke detector installation</li> </ol>	<b>Units Mainly Engaged In:</b> <ul style="list-style-type: none"> <li>➤ The installation and monitoring of security systems are included in class 7712 Investigation and Security Services</li> </ul>
<b>8219-Adult, Community and Other Education</b>	This class consists of units mainly engaged in providing adult,	<ol style="list-style-type: none"> <li>1. Driving school operation</li> <li>2. Flying school operation</li> <li>3. Home computing and keyboard</li> </ol>	<b>Units Mainly Engaged in:</b> <ul style="list-style-type: none"> <li>➤ Providing non-vocational instruction in sporting and</li> </ul>

n.e.c	community and other education not elsewhere classified	<p>skill instruction</p> <ol style="list-style-type: none"> <li>4. Home economics and personal management instruction</li> <li>5. Instruction in diet, exercise and lifestyle factors</li> <li>6. Instruction through Universities and the Third Age and Schools for Seniors</li> <li>7. Parental education program operation</li> <li>8. Public speaking training</li> <li>9. Social and interpersonal skill training</li> <li>10. Study skill, career development and job search training</li> <li>11. Survival skill training</li> <li>12. Tutoring service</li> </ol>	<p>physical recreation activities are included in class 8211 Sports and Physical Recreational Instruction</p> <ul style="list-style-type: none"> <li>➤ Providing non-vocational instruction in the arts are included in class 8212 Arts Education, and</li> <li>➤ Providing vocational training are included in class 8101 Technical and Vocational Education and Training</li> </ul>
<b>8102- Higher Education</b>	This class consists of units mainly engaged in providing undergraduate or postgraduate teaching	<ol style="list-style-type: none"> <li>1. Colleges of education operation</li> <li>2. Postgraduate school, University operation</li> <li>3. Research school, University operation</li> <li>4. Specialist institute or college</li> <li>5. Teachers college operation</li> <li>6. Undergraduate school, university operation</li> <li>7. University operation</li> </ol>	<p><b>Units Mainly Engaged In:</b></p> <ul style="list-style-type: none"> <li>➤ Operating student halls of residence are included in Class 4400 Accommodation</li> <li>➤ Undertaking research in the agricultural, biological, physical for social sciences are included in Class 6910 Scientific Research Services</li> </ul>
<b>8101-Technical and Vocational Education and Training</b>	This class consists of units mainly engaged in providing technical and vocational education and	<ol style="list-style-type: none"> <li>1. Apprenticeship training program operation</li> <li>2. Business college and school operation</li> <li>3. Information technology training</li> </ol>	<p><b>Units mainly engaged In:</b></p> <ul style="list-style-type: none"> <li>➤ Providing undergraduate or postgraduate teaching are included in Class 8102 Higher Education</li> </ul>

	<p>training. These units offer a large variety of courses covering a range of subjects or specialize in a particular field of education such as computer and business management training</p>	<p>centre operation</p> <ol style="list-style-type: none"> <li>4. Institute of technology operation</li> <li>5. Professional and management development training</li> <li>6. Secretariat training</li> <li>7. Technical and further education college operation</li> <li>8. Technical college operation</li> <li>9. Vocational computer training</li> </ol>	<ul style="list-style-type: none"> <li>➤ Providing sports and physical recreation coaching not predominantly leading to tertiary qualifications are included in Class 8211 Sports and Physical Recreation Instruction</li> <li>➤ Providing education in the arts not predominantly leading to tertiary qualifications are included in class 8212 Arts education</li> </ul>
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**APPENDIX F : Tables**

**Table 1 :Correspondence between ISIC classes in the current OECD ICT sector definition with ANZSIC 1993 classes.**

<b>OECD ICT sector ISIC Rev 3 Industries</b>	<b>Status of current ABS definition of the ICT sector</b>	<b>Status in current ABS definition of the ICT sector</b>	<b>Comments</b>
<b>Manufacturing</b>			
3000 Office, accounting and computing machinery	2841 Computer and business machine manufacturing	Included, non specialist	Close to a one to one relationship
3130 Insulated wire cable	2852 Electric cable and wire manufacturing	Included, non specialist	Close to a one to one relationship
3210 Electronic valves and tubes and other electronic components	2849 Electronic equipment manufacturing (part)	Included, non specialist	See also ISIC 3230, together these have a one to one relationship with ANZSIC 93 class 2849
3220 Television and radio transmitters and apparatus for line telephony and line telegraphy	2842 Telecommunication, broadcasting and transceiving equipment manufacturing	Included, Specialist	One to one relationship
3230 Television and radio receivers, sound or video recording or reproducing apparatus and associated goods	2849 Electronic equipment manufacturing (part)	Included, non specialist	See also ISIC 3210, together these have a one to one relationship with ANZSIC 93 class 2849
3312 Instruments and appliances for measuring, checking, testing, navigating and other purposes except industrial process equipment			Equivalent ANZSIC 93 class is 2839 (Professional and scientific equipment manufacturing). This is not in scope of current ABS ICT Industry Survey. Note that ISIC 3312 also contains some elements of ANZSIC 93 Class 2832 (Medical and surgical

			manufacturing). This class is also not in scope of the current ICT Industry Survey.
<b>OECD ICT sector ISIC Rev 3.1 Industries</b>	<b>Status of current ABS definition of the ICT sector</b>	<b>Status in current ABS definition of the ICT sector</b>	<b>Comments</b>
3313 Industrial process equipment			Equivalent ANZSIC 93 class is 2839 (Professional and scientific equipment manufacturing).
<b>Services</b>	equipment		
5151 (Wholesale of computers, computer peripheral and software)			In ISIC Rev 3.1 Class 5150 (Wholesale of machinery, equipment and supplies) has been divided into many classes of which classes 5151 and 5152 are ICT related.
5152 (Wholesale of electronic and telecommunication parts and equipment.			In ISIC Rev 3.1 Class 5150 (Wholesale of machinery, equipment and supplies) has been divided into many classes of which classes 5151 and 5152 are ICT related.
6420 Telecommunications	7120 Telecommunication services	Included, specialist	One to one relationship
7123 Renting of office machinery and equipment (including computers)	7743 Plant hiring or leasing		Equivalent ANZSIC 93 is 7743 (Plant hiring or leasing). This is not in scope current ABS sector definition.
7210 Hardware consultancy	7834 Computer consultancy services (part)	Included, specialist	See also ISIC 7220 and 7290. Together these have a one to one relationship with ANZSIC 7834
7220 Software	7834 Computer	Included, specialist	See also ISIC 7210

consultancy and supply	consultancy services (part)		and 7290. Together these have one to one relationship with ANZSIC 7834
7230 Data processing	7831 Data Processing services	Included, specialist	One to one relationship
7240 Data base activities	7832 Information storage and retrieval services	Included, specialist	Close to a one to one relationship

<b>OECD ICT sector ISIC Rev 3 Industries</b>	<b>ABS ICT sector ANZSIC 93 Industries</b>	<b>Status in current ABS definition of the ICT sector</b>	<b>Comments</b>
7250 Maintenance and repair of office, accounting and computing machinery	7833 Computer maintenance services	Included, specialist	Close to a one to one relationship
7290 Other computer related activities	7834 Computer consultancy services (part)	Included, specialist	See also ISIC 7210 and 7220. Together these have a one to one relationship with ANZSIC 7834

**TABLE 2: Levels of ICT Activity in ANZSIC 1993 based industry classes in current ABS ICT sector definition**

<b>Industry classes</b>		
<b>All activity in-scope</b>	<b>Majority of activity in-scope</b>	<b>Some activity in-scope</b>
2842-Telecommunication, Broadcasting and Transceiving Equipment Manufacturing	2430- Recorded Media Manufacturing and Publishing	2839-Professional and Scientific Equipment manufacturing n.e.c
4613- Computer Wholesaling	2841- Computer and Business Machine Manufacturing	4612- Professional Equipment Wholesaling
4614- Business Machine Wholesaling n.e.c.	2849- Electronic Equipment Manufacturing n.e.c.	4615- Electrical and Electronic Equipment Wholesaling n.e.c.
7120- Telecommunication Services	2852- Electric Cable and Wire Manufacturing	7743-Plant Hiring or Leasing
7831- Data Processing Services		
7832- Information Storage and Retrieval Services		
7833- Computer Maintenance Services		
7834- Computer Consultancy Services		

**Table 3: Levels of ICT Activity based on the broad view of the ICT industry and ANZSIC 2006 classes**

<b>Industry classes</b>		
<b>Il activity in-scope</b>	<b>Majority of activity in-scope</b>	<b>Some activity in-scope</b>
2422- Communication Equipment Manufacturing	2419- Other Professional and Scientific Equipment Manufacturing	1620- Reproduction of Recorded Media
3491- Professional and Scientific Goods wholesaling	2421- Computer and Electronic Office Equipment Manufacturing	2411- Photographic, Optical and Ophthalmic Equipment Manufacturing
3492- Computer and Computer Peripheral Wholesaling	2431- Electric Cable and Wire Manufacturing	2412-medical and Surgical Equipment Manufacturing
3493- Telecommunication Goods Wholesaling		2429- Other Electronic Equipment Manufacturing
4222- Computer and Computer Peripheral Retailing		2439- Other Electrical Equipment Manufacturing
5420- Software Publishing		3109- Other Heavy and Civil Engineering Construction
5700- Internet Publishing and Broadcasting		3232- Electrical Services
5801- Wired Telecommunications Network Operation		3234- Fire and Security Alarm Installation Services
5802- Other Telecommunications Network Operation		3494- Other Electrical and Electronic Goods Wholesaling
5809- Other Telecommunication Services		3499- Other Machinery and Equipment Wholesaling n.e.c
5910- Internet Service Providers and Web Search Portals		3800- Commission based wholesaling n.e.c
5921- Data Processing and Web Hosting Services		4221- Electrical, Electronic and Gas Appliance Retailing
5922- Electronic Information Storage Services		4229- Other Electrical and Electronic Goods Retailing
7000- Computer System Design and Related Services		4242- Entertainment Media Retailing
		4273- Antique and Used Goods Retailing
		4279- Other Store Based Retailing n.e.c.

All activity in-scope	Majority of activity in-scope	Some activity in-scope
		4310- Non Store Retailing
		4320- Retail Commission-Based Buying and/or Selling
		6923- Engineering Design and Engineering Consulting Services
		6639- Other goods and Equipment Rental and Hiring n.e.c
		6640- Non-Financial Intangible Assets (Except Copyrights) Leasing
		6910- Scientific Research Services
		8101 Technical and Vocational Education and Training
		8102- Higher Education
		8219- Adult Community and Other Education n.e.c
		9209- Other Gambling Activities
		9421 Domestic Appliance Repair and Maintenance
		9422- Electronic (except Domestic Appliance) and Precision Equipment Repair and Maintenance
		9429- Other Machinery and Equipment Repair and Maintenance