



INTERNATIONAL TELECOMMUNICATION UNION

**TELECOMMUNICATION
DEVELOPMENT BUREAU**

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6TH WORLD TELECOMMUNICATION/ICT INDICATORS MEETING, GENEVA, 13-15 DECEMBER 2007

FOR INFORMATION

SOURCE: Department of Statistics, Malaysia

TITLE: Telecommunication/ICT statistics, Malaysia

World Telecommunication / ICT
Indicators (WTI) Meeting,
Geneva, Switzerland

13 – 15 December, 2007

TELECOMMUNICATION / ICT
STATISTICS, MALAYSIA

Department of Statistics,
Malaysia



OUTLINE

- OVERVIEW
- TELECOMMUNICATIONS SERVICES STATISTICS
- STATISTICS ON HOUSEHOLD USE OF TELECOMMUNICATIONS/ICT GOODS
- ISSUES AND CHALLENGES

OVERVIEW

TELECOMMUNICATIONS/ICT STATISTICS COMPILED AND
DISSEMINATED BY THE DEPARTMENT OF STATISTICS,
MALAYSIA(DOSM)

Telecommunications
services statistics

Statistics on
household use of
telecommunications
/ ICT goods

Statistical information is gathered by DOSM under the
provisions of the Statistics Act, 1965 (Revised 1989)

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TELECOMMUNICATIONS SERVICES STATISTICS

- Data first canvassed by DOSM in 2001 for reference year 2000
- Annual census
- Mail inquiry
- Adhere to OECD definition on ICT

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TELECOMMUNICATIONS SERVICES STATISTICS

SCOPE AND COVERAGE

Based on Malaysia Standard Industrial
Classification 2000

- A total of 5 industries are covered

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TELECOMMUNICATIONS SERVICES STATISTICS

SCOPE AND COVERAGE

- 64201 - Telephone services (fixed line, public and cellular)
- 64202 - Television and radio transmission services
- 64203 - Data communications services (including network operations)
- 64204 - Paging services
- 64209 - Other telecommunications services n.e.c.

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TELECOMMUNICATIONS SERVICES STATISTICS

INFORMATION COLLECTED:

- Legal status
- Ownership structure
- Revenue
- Expenditure
- Capital expenditure and value of assets
- Employment, salaries and wages

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TELECOMMUNICATIONS SERVICES STATISTICS

- Published in the Report –
**INFORMATIONS AND COMMUNICATIONS
TECHNOLOGY STATISTICS**
- 18 months (after reference year)

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PUBLICATION TABLES

- Principal statistics of telecommunications services establishments
 1. by industry
 2. by legal status
 3. by ownership
 4. by employment size group
 5. by assets size group
- Employment, salaries and wages
- Value of assets of telecommunications services establishments
- Revenue and expenditure of telecommunications services establishments

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STATISTICS ON HOUSEHOLD USE OF TELECOMMUNICATIONS / ICT GOODS & SERVICES

- Compiled from the results of the Basic Amenities Survey (BAS) canvassed by DOSM
- BAS was carried out using the personal interview approach twice in every 5 years
- Information collected in BAS is for restricted use
- Decision was made in 2006 to include statistics on household access to telecommunications/ICT goods & services (from BAS) in the publication - **Information and Communication Technology Services Statistics, Malaysia**

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STATISTICS ON HOUSEHOLD USE OF TELECOMMUNICATIONS/ICT GOODS & SERVICES

PUBLICATION TABLE

Percentage distribution of households with access to ICT items:

1. Radio/Hi-fi
2. Television
3. Video/VCD/DVD
4. Fixed – Line telephone
5. Cellular phone
6. Personal computer
7. Internet subscription

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- The telecommunications statistics presented in the following slides are based on data for reference year 2004
- DOSM is currently:-
 - finalising data on telecommunications services statistics for reference year 2005
 - conducting the Basics Amenities Survey for year 2007

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Telecommunications Services Statistics, 2004

	Total	Telephone services	Television & radio transmission services	Data communications services	Other telecommunications services
Output (RM million)	25,096	19,967	2,121	2,567	441
Value added (RM million)	12,574	10,290	978	1,033	273
Total employees	40,874	30,240	4,184	5,257	1,193
Full-time employees	40,372	30,156	3,807	5,231	1,178
Salaries & wages (RM million)	1,774	1,227	170	294	83
Assets (RM million)	28,662	22,435	455	5,655	117

Number of persons engaged and salaries & wages by category of workers in telecommunications services establishments, 2004

Category of workers	Total number of persons engaged during December or the last pay			Salaries & wages paid (RM million)
	Total	Male	Female	
TOTAL	40,874	26,671	14,203	1,774
Total full-time employees	40,372	26,439	13,933	1,765
Managerial, professional & executive	12,720	7,648	5,072	957
Technical & supervisory (e.g. technical supervisor)	18,713	15,069	3,644	582
Clerical & related occupations (e.g. clerks, personal secretaries & receptionists)	7,469	2,567	4,902	203
General workers (e.g. drivers, office boys & security guards)	1,470	1,155	315	23
Total part-time employees	502	232	270	9

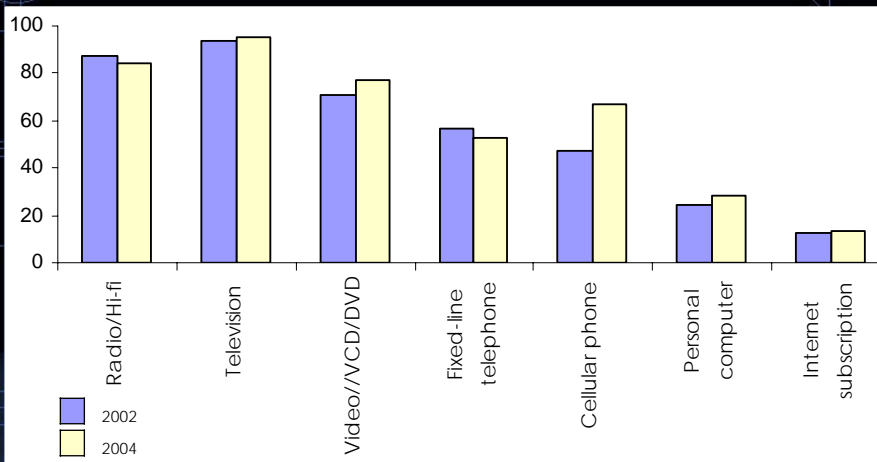
Value of assets of telecommunications services establishments by type of assets, 2004

Type of assets	RM million					
	Net book value as at 01.01.2004	Capital expenditure	Assets sold or discarded	Gain/loss () from sales/revaluation of assets	Current depreciation	Net book value as at 31.12.2004
TOTAL	30,290	6,018	2,138	2	5,510	28,662
Land	456	70	152	-	3	371
Buildings	2,625	201	32	-	117	2,677
Other construction	56	12			9	59
Transport equipment	35	311	10	-	303	33
Computer hardware	3,372	502	63	(6)	618	3,187
Computer software	160	49	20		51	138
Machinery & equipment	8,094	2,764	1,342	(2)	1,874	7,640
Furniture & fittings	333	168	10	10	109	392
Other assets	15,159	1,941	509	-	2,426	14,165

Revenue of telecommunications services establishments, 2004

Item	(RM million)
Total revenue	27,198
Telephone services	19,954
Television and radio transmission services	2,143
Data communications services	2,552
Other services	203
Value of sales of goods and related services	445
Rent/rental income	55
Other income	1,846

Percentage distribution of households with access to Telecommunication/ICT goods & services



DOSM is currently conducting the survey for reference year 2007

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Issues & Challenges

- ★ Great demand for telecommunication / ICT statistics
Need to expand coverage and compilation of telecommunication / ICT Statistics
- ★ Comparability problem due to rapid development and convergence of ICT industries including multi-media industry
- ★ Implication of comparability and classification of industry based on proposed ISIC Revision 4

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