

**DATA DISSEMINATION STRATEGIES IN MALAYSIA**

Department of Statistics, Malaysia

---

---

---

---

---

---

---

---

**Outline of Presentation**

- Data Dissemination Mode
- Data Dissemination Strategies in ICT Strategic Plan (ISP)
- Databases
- Assessing Customer Needs
- Issues and Challenges

---

---

---

---

---

---

---

---

**Data Dissemination**

Publication      Web site

BERNAMA

Unpublished Data      Press Conference      SDDS

---

---

---

---

---

---

---

---

## Publications

- CDs, books, bulletin, pamphlet published by the Department
- Frequency : yearly, monthly, quarterly and half yearly




---

---

---

---

---

---

---

---

## Unpublished Data

- Data that has to be extracted but not found in any of the Department's publication.
- Requested data includes tabulation, survey questionnaires, enumeration block map and others

---

---

---

---

---

---

---

---

## Special Data Dissemination Standards (SDDS)

Category of Data	Periodicity		Timeliness	
	IMF	DOSM	IMF	DOSM
Index of Industrial Production	Monthly	Monthly	6 weeks	5 weeks
Salaries/Wages (Manufacturing)	Quarterly	Monthly	12 weeks	7 weeks
Consumer Price Index (CPI)	Monthly	Monthly	4 weeks	2 weeks
Producer Price Index	Monthly	Monthly	4 weeks	4 weeks
External Trade	Monthly	Monthly	8 weeks	4 weeks
National Accounts	Quarterly	Quarterly	12 weeks	8 weeks
Employment/Unemployment	Quarterly	Quarterly	12 weeks	8 weeks

---

---

---

---

---

---

---

---

## Advance Release Calendar - ARC

[www.statistics.gov/english/frameset\\_calendars.ghp?file=advcal](http://www.statistics.gov/english/frameset_calendars.ghp?file=advcal)

Indicator	Release Date	Time	Frequency	Previous Release Date	Next Release Date	Time
GDP	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Manufacturing Output	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Construction Output	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Retail Sales	14 Mar 2008	10:00 AM	Monthly	14 Feb 2008	14 Apr 2008	10:00 AM
Industrial Production	14 Mar 2008	10:00 AM	Monthly	14 Feb 2008	14 Apr 2008	10:00 AM
Balance of Payments	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Current Account	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Trade Balance	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Exports	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Imports	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Government Expenditure	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Government Revenue	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Government Balance	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Government Debt	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Government Assets	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Government Net Debt	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Government Net Assets	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Government Net Worth	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Government Net Liabilities	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Government Net Equity	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Government Net Debt to GDP	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Government Net Assets to GDP	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Government Net Worth to GDP	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Government Net Liabilities to GDP	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM
Government Net Equity to GDP	14 Mar 2008	10:00 AM	Quarterly	14 Dec 2007	14 Jun 2008	10:00 AM

---

---

---

---

---

---

---

---

## Website [www.statistics.gov.my](http://www.statistics.gov.my)



---

---

---

---

---

---

---

---

## Contents of Website [www.statistics.gov.my](http://www.statistics.gov.my)

- ✓ Profile
- ✓ Organisation
- ✓ Activity
- ✓ Product and Services
- ✓ Current Surveys
- ✓ List of Publications
- ✓ Synopsis of Publications
- ✓ Latest Releases
- ✓ Online Order Form
- ✓ Key Data
- ✓ Link to SDSS
- ✓ BERNAMA Infolink
- ✓ Calendar of Events

---

---

---

---

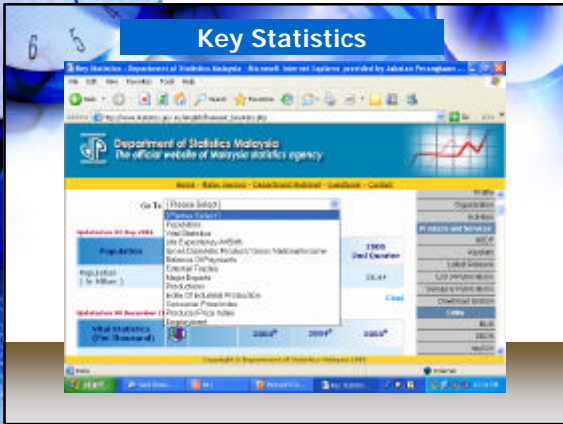
---

---

---

---

## Key Statistics



---

---

---

---

---

---

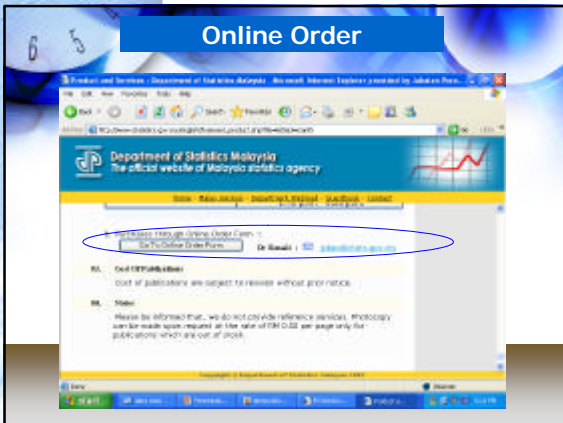
---

---

---

---

## Online Order



---

---

---

---

---

---

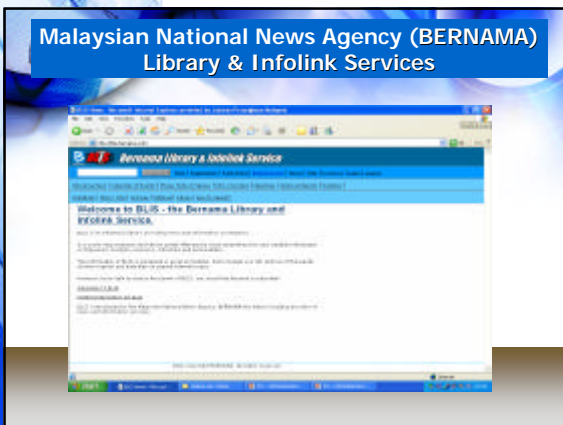
---

---

---

---

## Malaysian National News Agency (BERNAMA) Library & Infolink Services



---

---

---

---

---

---

---

---

---

---





## InfoCEN

### Advantages :

- ✓ Easy access
- ✓ Timely information

### Users :

- ✓ Economic Planning Unit (EPU)

Formulating plans for national development and administration

- ✓ Corporate & User Services Division, DOSM

Data requests

---

---

---

---

---

---

---

---

## Microdata Dissemination

- ✓ 2 per cent sample of the Population and Housing Census data provided to Integrated Public Use Microdata Series (IPUMS), USA and other users
- ✓ 30 per cent sample of the Household Expenditure Survey data provided to higher learning institutions for research purposes

---

---

---

---

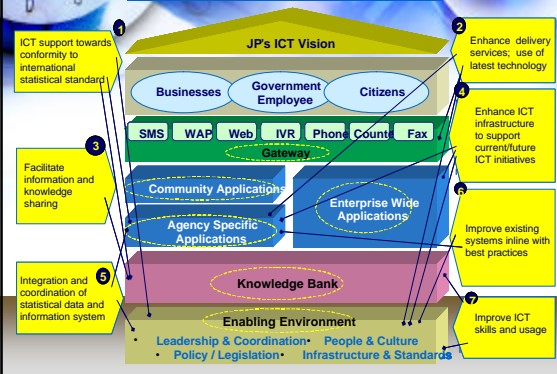
---

---

---

---

## ICT Strategic Plan (ISP)



---

---

---

---

---

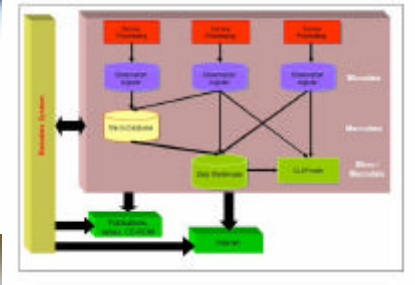
---

---

---

## ICT Strategic Plan (ISP)

### Alternative Integrated Statistical Systems Framework



---

---

---

---

---

---

---

---

## DOSM Data Warehouse

- ✓ Small and Medium Enterprise (SME) Database
- ✓ Agriculture Sector Database
- ✓ External Trade Database

---

---

---

---

---

---

---

---

## National SME Database

AUG 2004 : National SME Development Council chaired by The Prime Minister decided SME Database be developed and hosted by DOSM.

- 1. Establishment Database**
  - Source : SME Baseline Census 2005
  - 548,267 records
  - Application of Data Mining Tools
- 2. Aggregate Database**
  - Aggregated tables
  - 10 main agencies (Phase 1 : BNM, MITI, KWSP, SMIDEC, LHDN, SSM, NPC, MECD, MDeC & MATRADE)

---

---

---

---

---

---

---

---

## National SME Database

**3. Establishment Profile**

- Basic profile (Name, Address, Main activity, Industry classification and size (micro, small, medium))
- Tracking system

**4. Metadata**

- Concepts, definitions and technical information

---

---

---

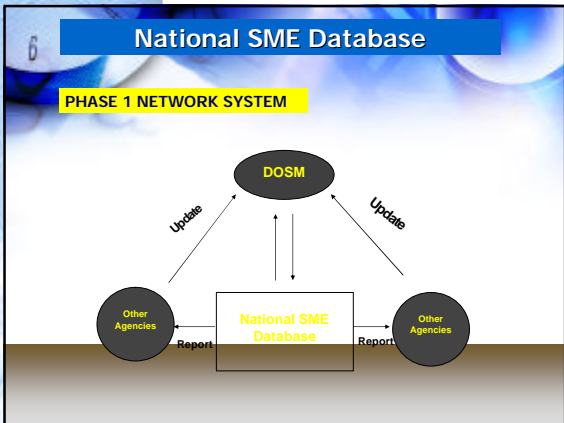
---

---

---

---

---




---

---

---

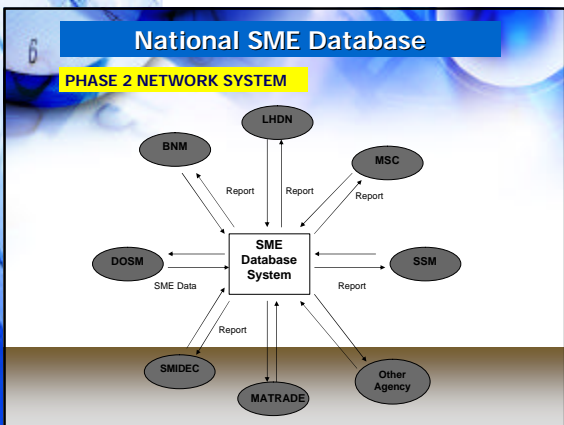
---

---

---

---

---




---

---

---

---

---

---

---

---



## Agriculture Sector Database

- ✓ The development of Agriculture Sector Database will be carried out in phases:

Phase 1 : 2006

Current data from Agriculture Census 2005 are being imputed

Phase 2 : 2007 onwards

Database will be integrated with data collected from agriculture agencies

---

---

---

---

---

---

---

---

## Data Warehouse

### SPEEDMINER

- ✓ Software used in the development of SME, Agriculture and External Trade Database
- ✓ Multi-dimension database
- ✓ Do not need to create a cube (Creating cube is time consuming)
- ✓ Easy to implement
- ✓ Can handle terabytes of data
- ✓ Web capability
- ✓ No limit of drill down

---

---

---

---

---

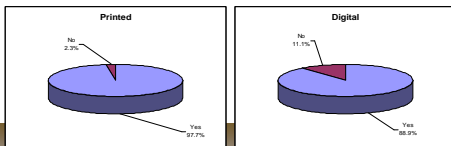
---

---

---

## Customer Satisfaction Survey

- ✓ 474 respondents (mailing list / subscribers)
- ✓ Findings :



---

---

---

---

---

---

---

---

6

### DOSM Strengthening Plan

- ✓ Prioritize data needs and usage of administrative data
- ✓ Develop central database
- ✓ Develop metadata repository
- ✓ Develop common national business registries
- ✓ Establish IATC (Inter-Agency Technical Committee)
  - standardization and harmonization
  - facilitate data sharing with other government agencies

---

---

---

---

---

---

---

---

6

### Issues and Challenges

- ✓ Knowing Target Audiences
- ✓ Technical & Methodology Development
- ✓ Ethics, Transparency and Confidentiality

---

---

---

---

---

---

---

---

6

**THANK YOU**  
**TERIMA KASIH**

---

---

---

---

---

---

---

---