



UNIVERSITI PUTRA MALAYSIA
AGRICULTURE • INNOVATION • LIFE

NATIONAL TRANSFER ACCOUNT (NTA) OUTPUT FOR MALAYSIA

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Introduction: Malaysia at a glance



Currency Exchange:
 2004: USD1 about RM3.8
 2015: USD1 about RM4.2

JADUAL 1.1 : KDNK DAN PNK PADA HARGA SEMASA, 1947 – 2012, MALAYSIA (samb.)

Table 1.1 : GDP and GNI at Current Prices, 1947 – 2012, Malaysia (cont 'd)

Tahun Year	KDNK GDP	PNK GNI	Penduduk Population	KDNK per kapita GDP per capita	PNK per kapita GNI per capita
	RM (Juta / Million)	RM (Juta / Million)	('000)	RM	RM
2004	474,048	449,646	25,542	18,560	17,605
2005	543,578	519,635	26,046	20,870	19,951
2006	596,784	579,490	26,550	22,478	21,826
2007	665,340	651,355	27,058	24,589	24,072
2008	769,949	746,915	27,568	27,929	27,094
2009	712,857	698,642	28,082	25,385	24,879
2010	797,327	770,993	28,589	27,890	26,969
2011^e	884,456	862,650	29,062	30,433	29,683
2012^p	941,237	905,213	29,518	31,887	30,667

Introduction: Malaysia at a glance

❑ Employment and Labor

	2000	2004	2005	2010	2014
Labor Force ('000)	9,572	10,846	11,290	12,303	13,894
Employment ('000)	9,271	10,463	10,892	11,899	13,483
Unemployment rate	3.1	3.5	3.5	3.3	3.0
Labor force participation rate	65.7	66.1	66.7	63.7	67.4
• Male LP	85.7	86.2	86.6	79.3	80.4
• Female LP	44.8	45.1	45.7	46.8	53.5

Source: Economic Report, MOF, multiple years

❑ Labor productivity in 2004: RM40K (USD10.5K)

❑ Economic scenario: (2004)

❑ Most rapid growth in four years with 7.1% (annual) expansion in 2004 (BNM, 2010).

❑ **Since mid-2004**, the price of crude oil has increased substantially in the world market – 40% of the government revenue relied on oil

Year	1993	2003	2004	2005	2006	2008
Crude Oil price (USD)	19	31	51	67	70	102

Source: Economic Development Report (2004)

Introduction: Malaysia at a glance

❑ Education

- ❑ **Preschool: (Age 4-6)** - In 2003, a national pre-school curriculum was made compulsory for all pre-schools.
- ❑ **Compulsory Free Primary: (Age 6-12)**
 - ❑ More than 96% of primary-aged children were enrolled in school in 2005.
 - ❑ The percentage of children who enter Year One and successfully reach Year Six had improved from 96.7% in 1989 to 98.1% in 2005 (UNICEF, 2008)
- ❑ **Free Secondary: (Age 13-17)**
 - ❑ In 2005, the Net Enrolment Rate for girls was 81%, while the rate for boys was significantly lower, at 77% (UNICEF, 2008)
- ❑ **Post-Secondary (Age 18-19)** : Form 6, pre-University, community colleges
- ❑ **Adult literacy (above 15 years)**- 88.7% in 2000; 93% in 2013 (UNICEF, 2015; World Bank, 2013)
- ❑ The literacy rate among indigenous communities, measured in 2001, was 51% (UNICEF, 2008)

Introduction: Malaysia at a glance

Health

- Adopt a two-tier health care system where (highly subsidized) government-run universal health care system co-exist with a fee-for-service private health care system.

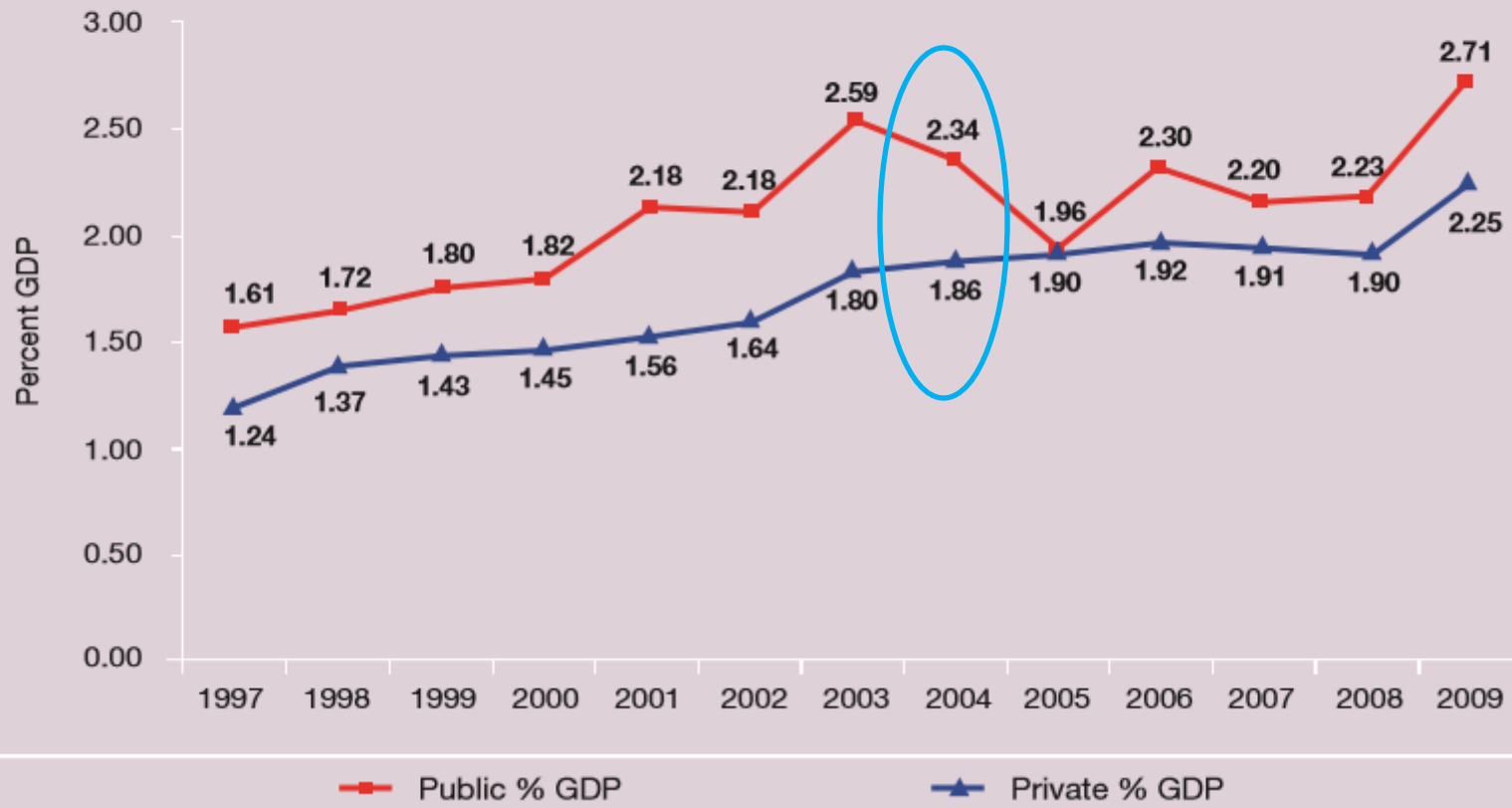
TABLE 4.2 : Total MOH Budget Allocation and Expenditure, 1997-2009*

Year	Operational		Development	
	Allocation (RM Million)	Expenditure (RM Million)	Allocation (RM Million)	Expenditure (RM Million)
1997	3,236	3,258	579	449
1998	3,359	3,316	733	716
1999	3,612	3,615	900	835
2000	4,214	4,091	1,290	1,276
2001	4,631	4,680	1,500	1,570
2002	5,139	5,157	1,715	1,514
2003	5,786	6,322	1,990	2,690
2004	7,026	6,686	2,643	2,231
2005	7,302	6,866	1,197	1,194
2006	8,206	9,538	1,297	1,300
2007	9,572	9,772	1,629	1,471
2008	10,880	11,569	2,222	1,467
2009	11,863	12,173	2,567	2,540

Note: *This expenditure data is extracted from the MNHA Framework and is based on AG database

Introduction: Malaysia at a glance

FIGURE 1.2 : Public Private Share of Total Health Expenditure, 1997-2009



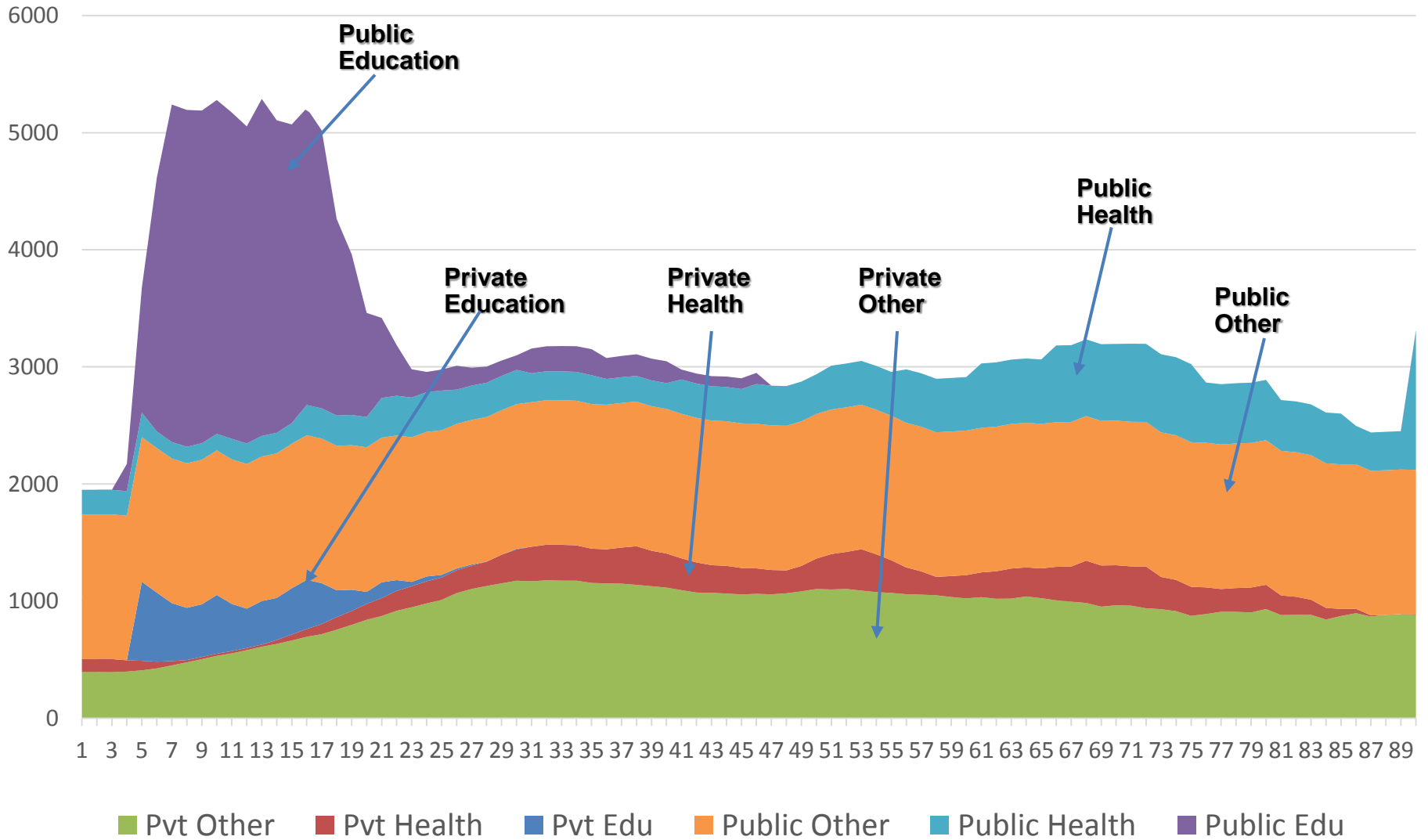
Construction of the Life Cycle Deficit 2004

About the Data:

❑ Household Expenditure Survey (HES) 2004

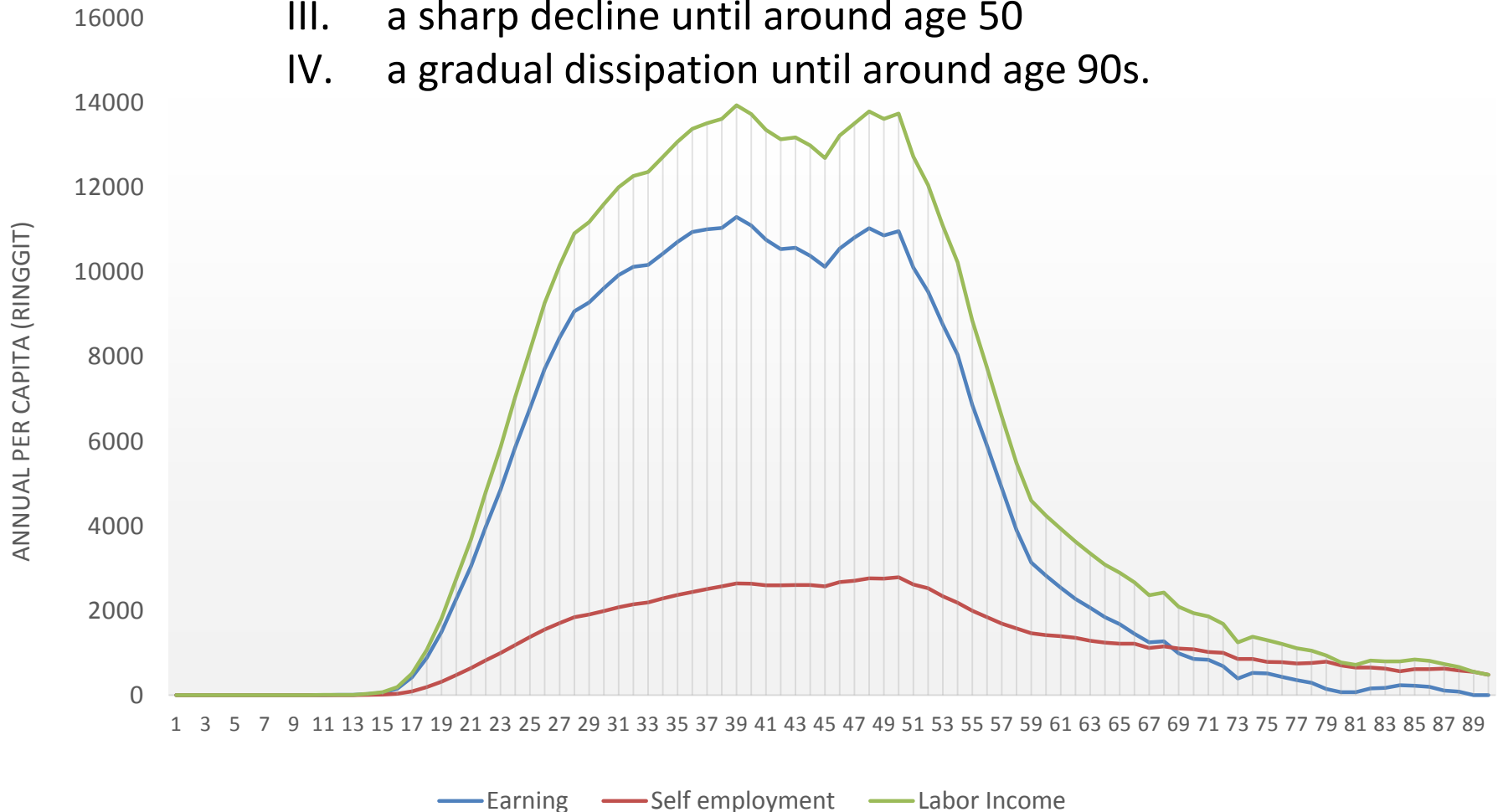
- ❑ HES was first conducted in the year 1957/58. Beginning 1993/94 it was carried out at an interval of five years and subsequently in 1998/99. The recent survey was undertaken in 2013/2014.
- ❑ A total of 14,084 private households in urban and rural areas.
- ❑ Information on income, expenditure, socio-demographic characteristics
- ❑ The expenditure data are reported at the **household level**
- ❑ Gross Income is reported at the **individual level**.

Per Capita Consumption by sectors, 2004

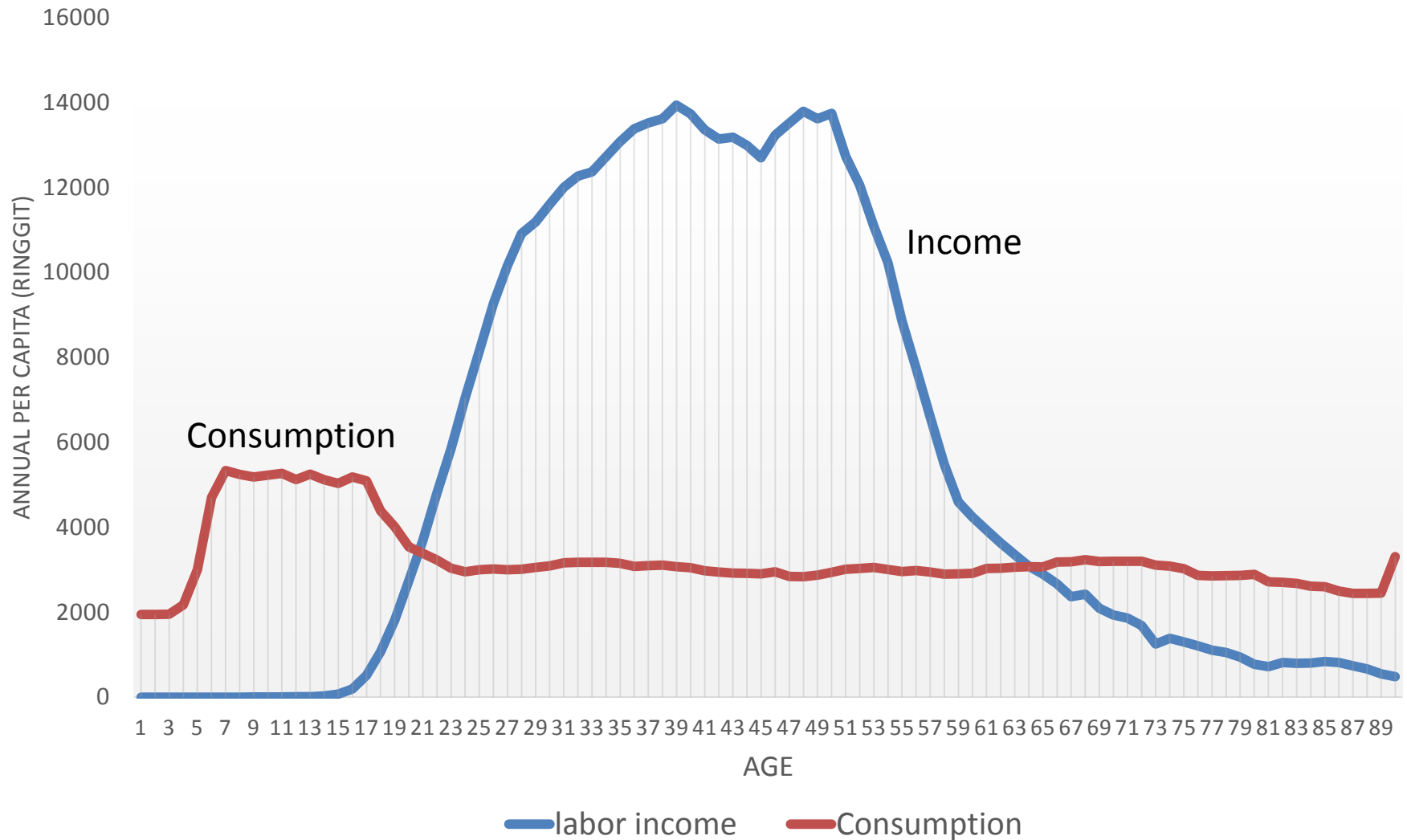


Per Capita Labor Income Profile, Malaysia 2004

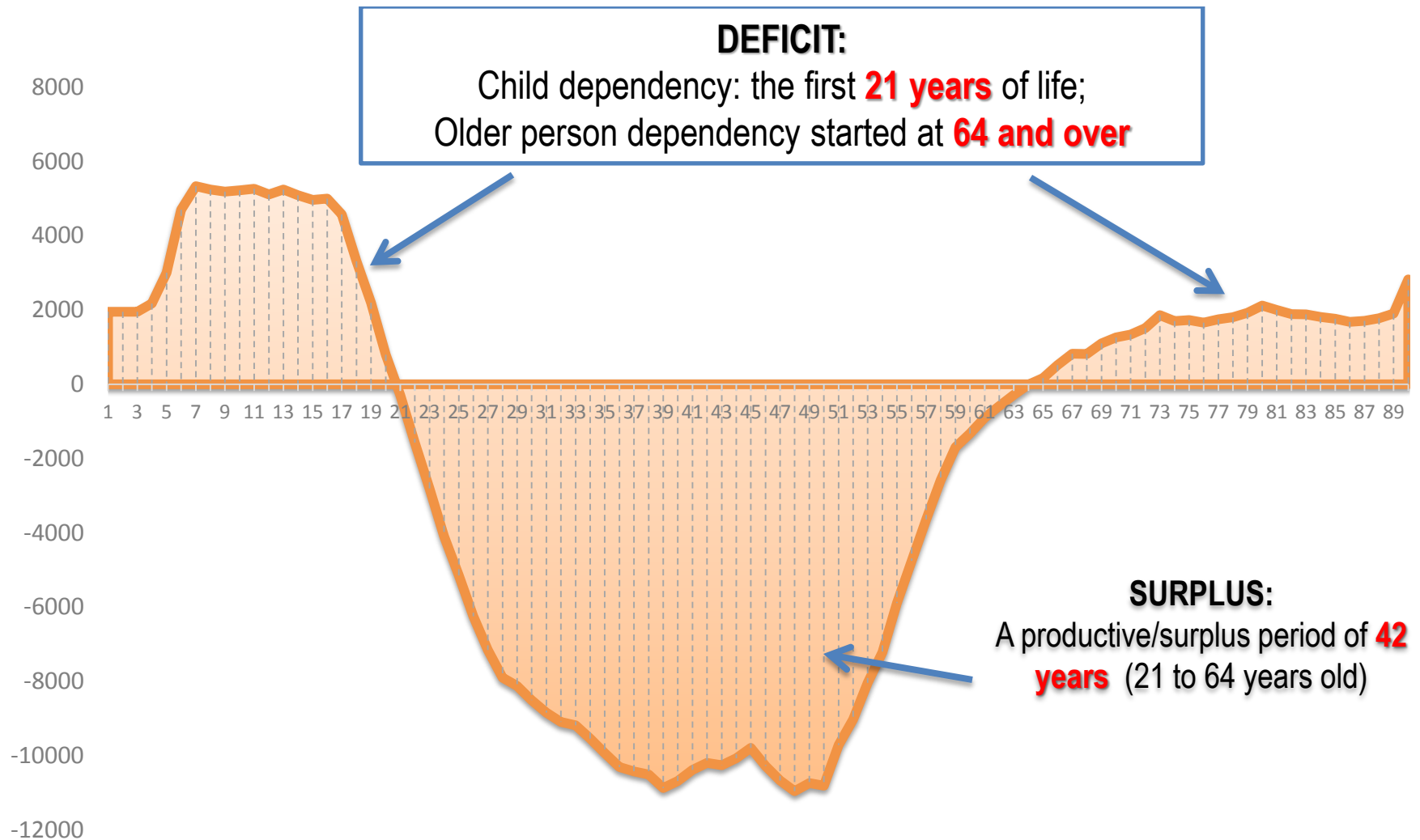
- I. a sharp increase between 19 to 29 years old
- II. a slow growth with a peak at age 39
- III. a sharp decline until around age 50
- IV. a gradual dissipation until around age 90s.



LCD: Per Capita Income and Consumption Profile, 2004

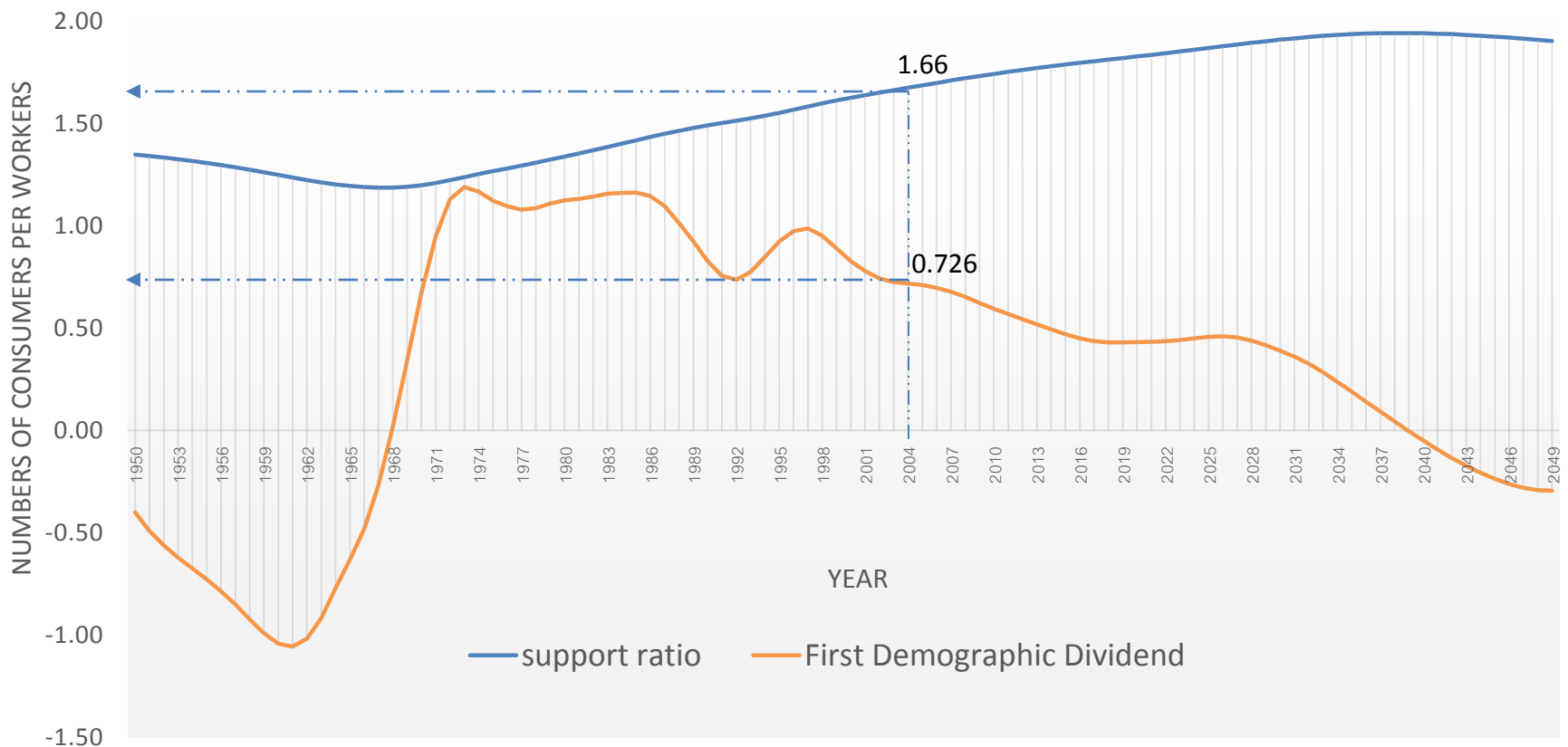


The Economic Lifecycle Deficit, Malaysia 2004

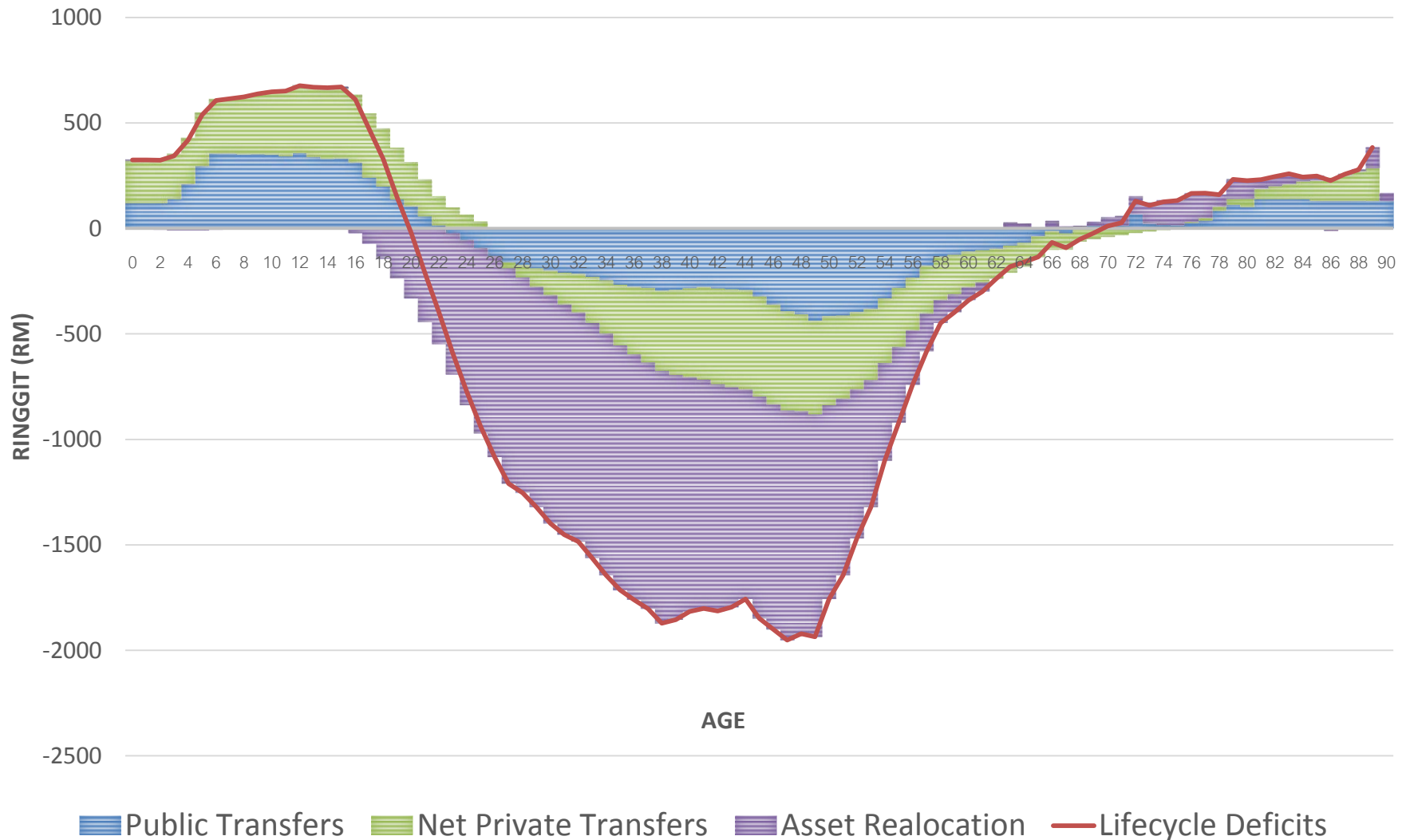


Support Ratio & First Demographic Dividend, Malaysia

Year	Tot population (million)	TFR (2000-2005)	Effective worker (% of pop)	Effective consumer (% of pop)	Support ratio	Annual change in support ratio 2004-2005
2004	25.191	2.45	54	46.36	1.66	0.726



Lifecycle Deficits, Transfers and Asset Reallocation, Malaysia 2004



Conclusion and Way Forward

CHALLENGES

Work in progress, thus requires further verification

Data issues:

- Data accessibility
- Disclosure issues
- Combining different datasets

Training and Capacity building for the team

- Transfers and ABR
- Funding

MOU between UPM and DOSM

Interest from DOSM, MOF and National Population and Family Development Board (LPPKN), Ministry of Women, Family and Community Development (KPWKM)

OPPORTUNITY



TERIMA KASIH/*THANK YOU*

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BERILMU BERBAKTI
WITH KNOWLEDGE WE SERVE

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