A Balance Sheet Approach to Reforming Social Security Pensions in Japan

by

Noriyuki Takayama

Professor of Economics, Hitotsubashi University takayama@ier.hit-u.ac.jp http://www.ier.hit-u.ac.jp/~takayama/

Joint PBC-IMF Seminar on China's Monetary Policy Transmission Mechanism Beijing, April 12-13, 2004

Organization

Brief Outline of Current Provisions

Demography

Basic Facts:

Identifying Main JPN Problems

Future Policy Options

The 2004 Reform Bill

Concluding Remarks

Brief Outline of Current Provisions

2-tier Benefits

Contributions

The Biggest Business

Two-tier Benefits (DB)

Basic Flat-rate Benefits (PM, PP)

66,200 yen = USD 630

Earnings-related Benefits (40Yrs)

28.5% of Career Average Monthly Real Earnings

Replacement Rate (One-earner Couple)

Around 60% Net (230,000 yen = USD 2,200)

CPI Indexation

The NRA: 65

Contributions/Transfer from GR

Contributions

13.58% of Annual Wages

13,300 yen = USD 125 (PM, PP)

Subsidy from General Revenue

1/3 of Flat-rate Basic Benefits

Mainly PAYG, but

with Partial Prefunding

The Biggest Business in Japan

Aggregate SS Pension Benefits

44 tr. Yen = USD 415 billion in 2003

(9% of Japanese GDP)

cf. The Automobile Industry

40 tr. Yen (Domestic Output in 2000)

Rapidly Growing

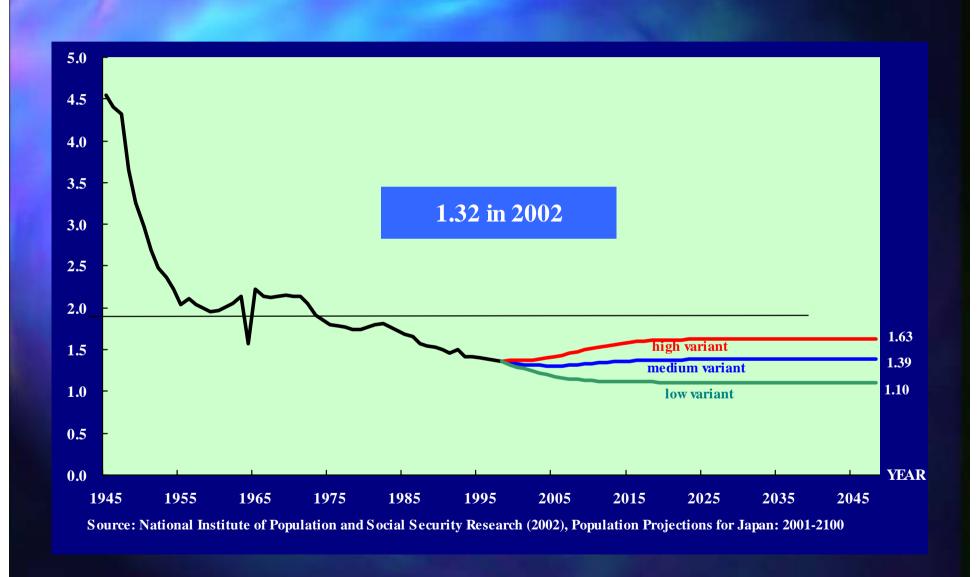
Demography

TFR

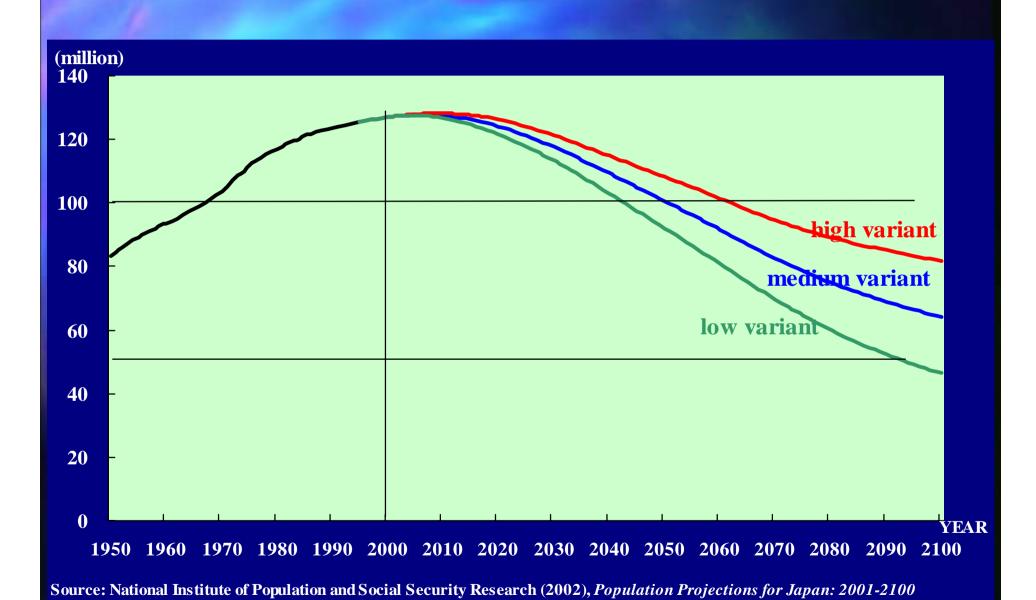
Total No. of Populations

Proportion of 65+

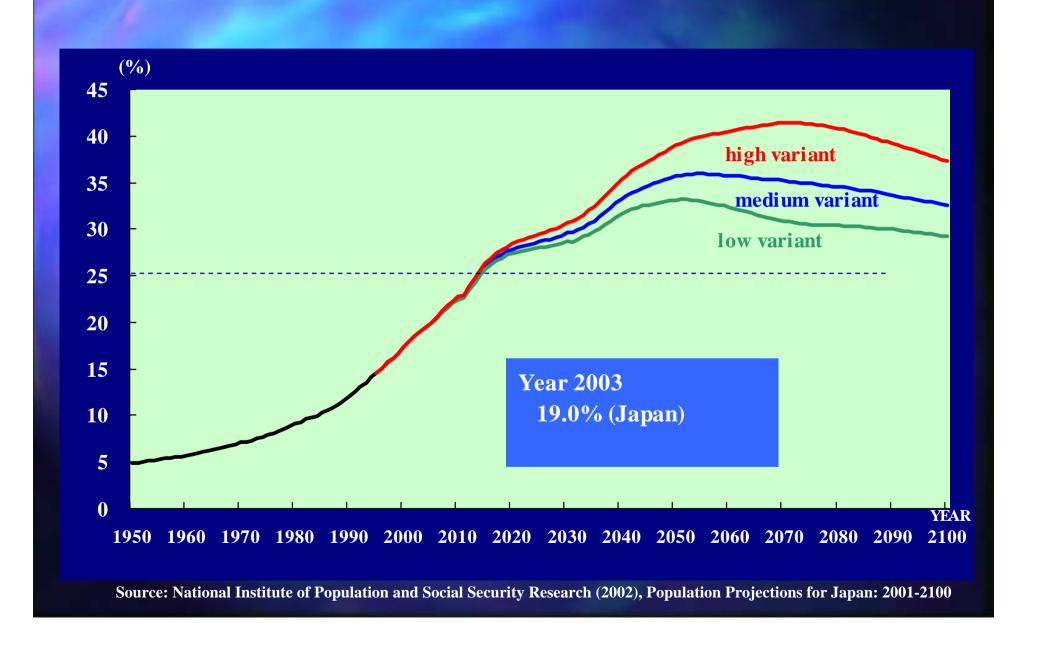
Trends in the Total Fertility Rate of Japan



Actual and Projected Population of Japan



Proportion of the Elderly (+65) in Japan



Basic Facts

Deficit in Current Account

Balance Sheet:

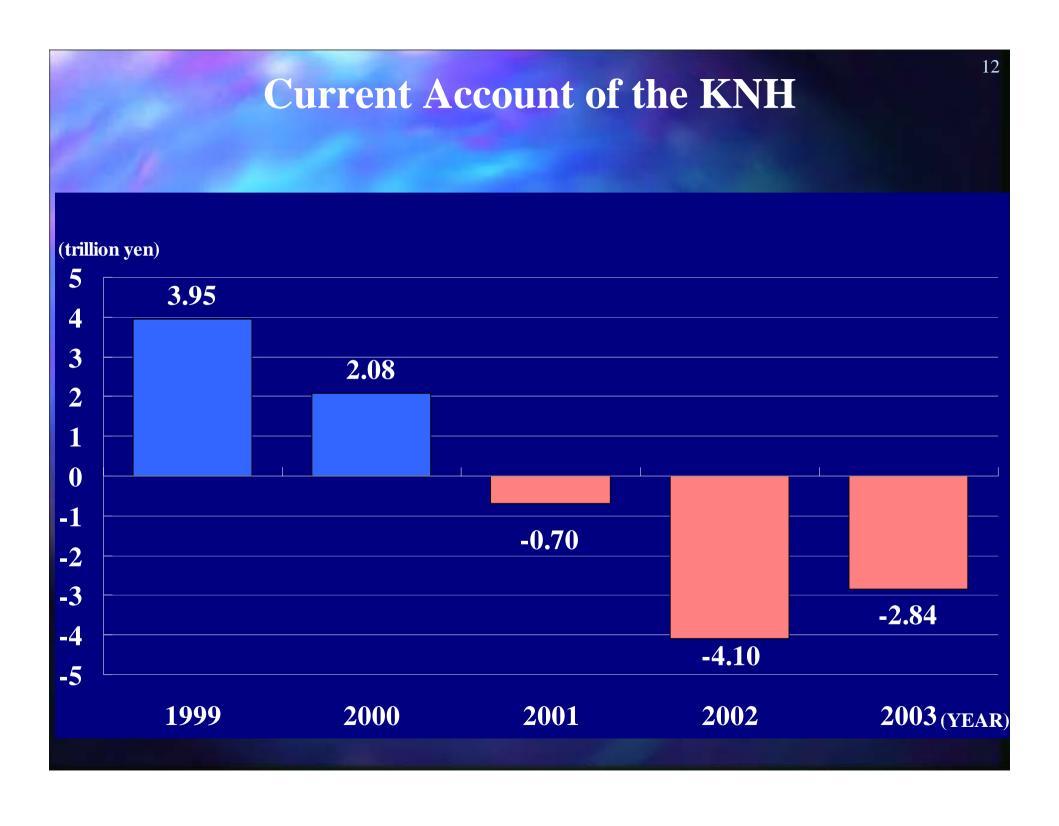
Huge Excess Liabilities

SS Pension Contributions:

Heavy Burdens Outstanding

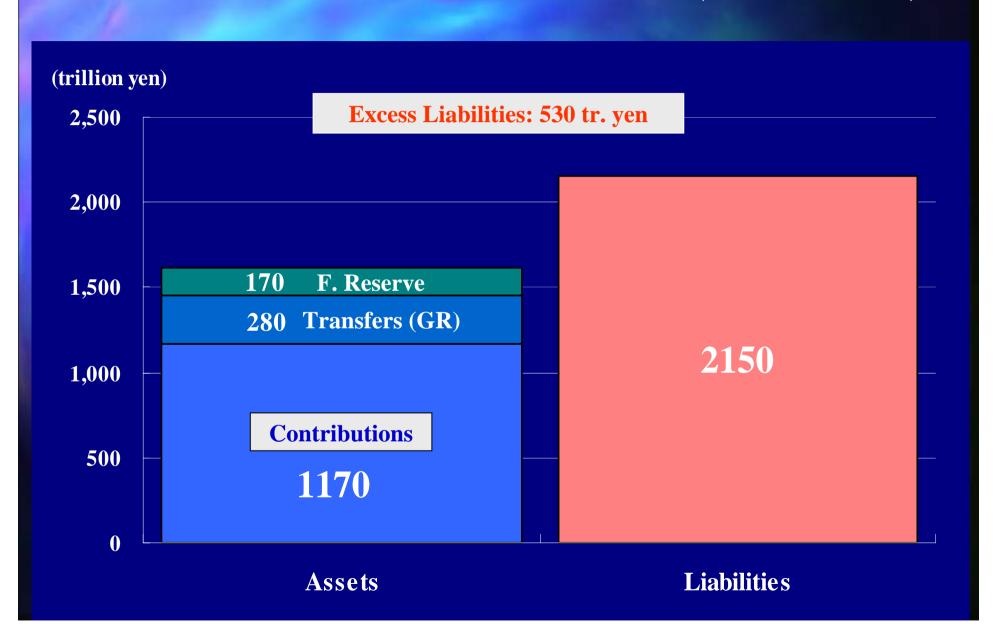
Too Much Income Transfers between Generations

Increasing Drop-out



Balance Sheet of the KNH

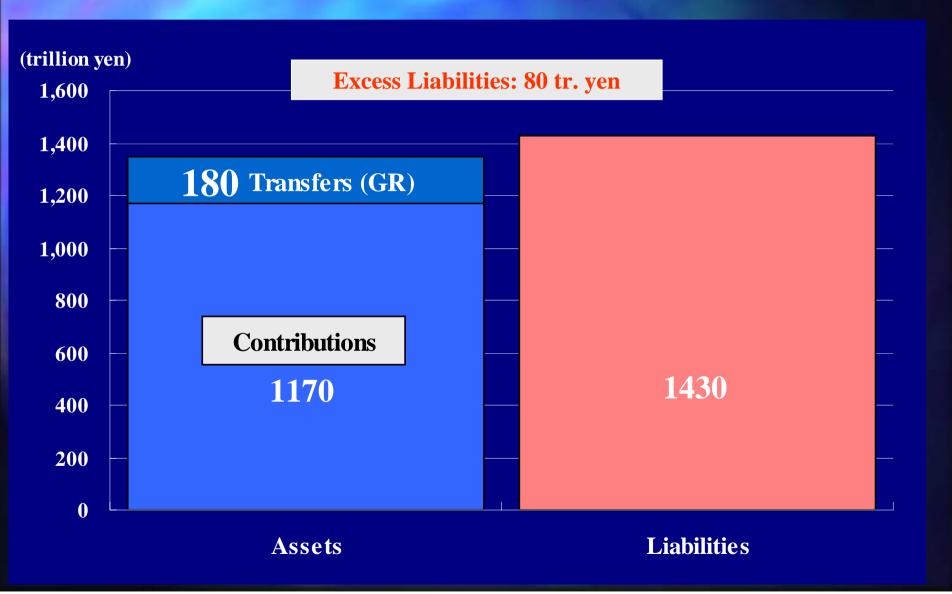
(as at the 31st MAR 2000)



Balance Sheet of the KNH (Part 1)

(as at the 31st MAR 2000)

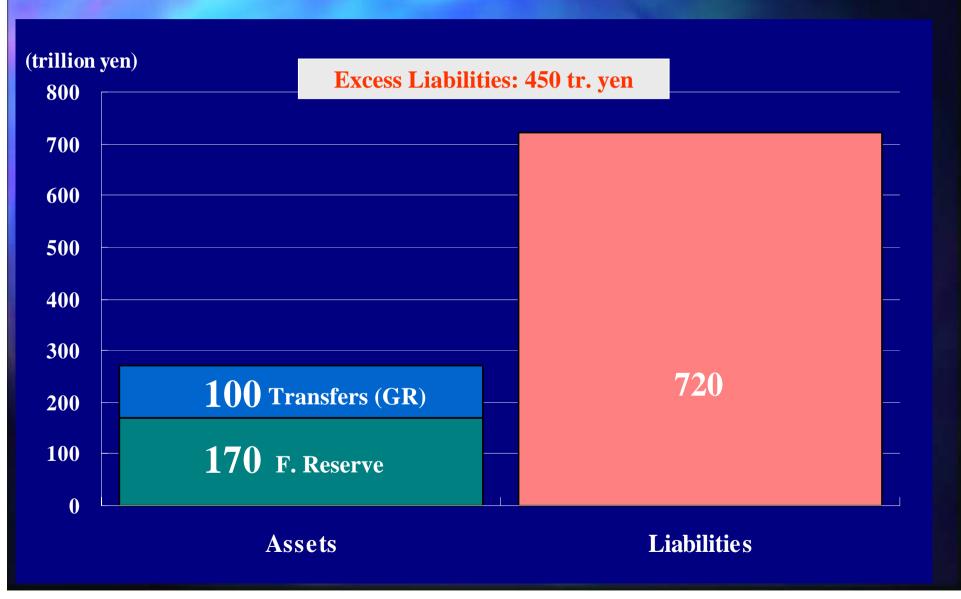
Pension Liabilities Accrued from **FUTURE** Contributions



Balance Sheet of the KNH (Part 2)

(as at the 31st MAR 2000)

Pension Liabilities Accrued from PAST Contributions



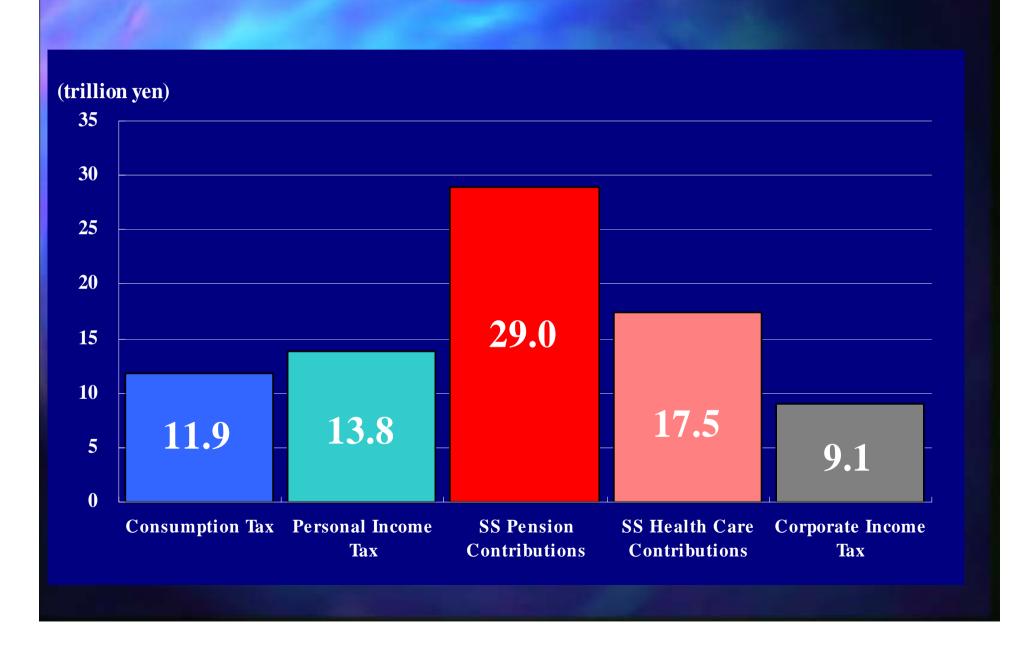
Which Is More, SS Contributions or Tax Revenues?

FY 2003 National Budget, Japan

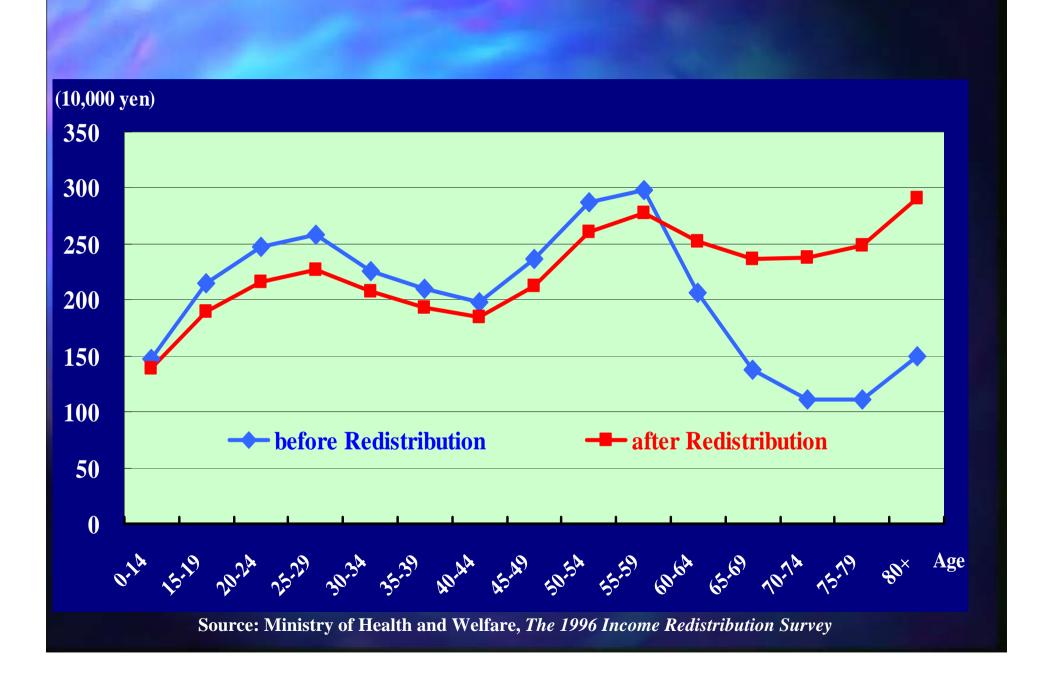


Main Income Sources of Japan's Central Government

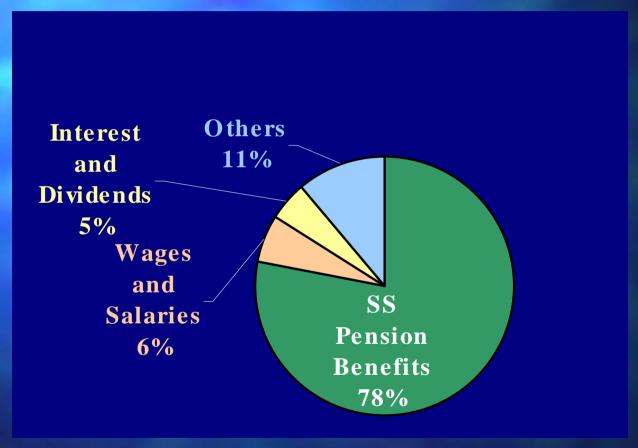
FY 2003 National Budget, Japan



Per-capita Income by Age in Japan



SS pension benefits are the major source of retirement income

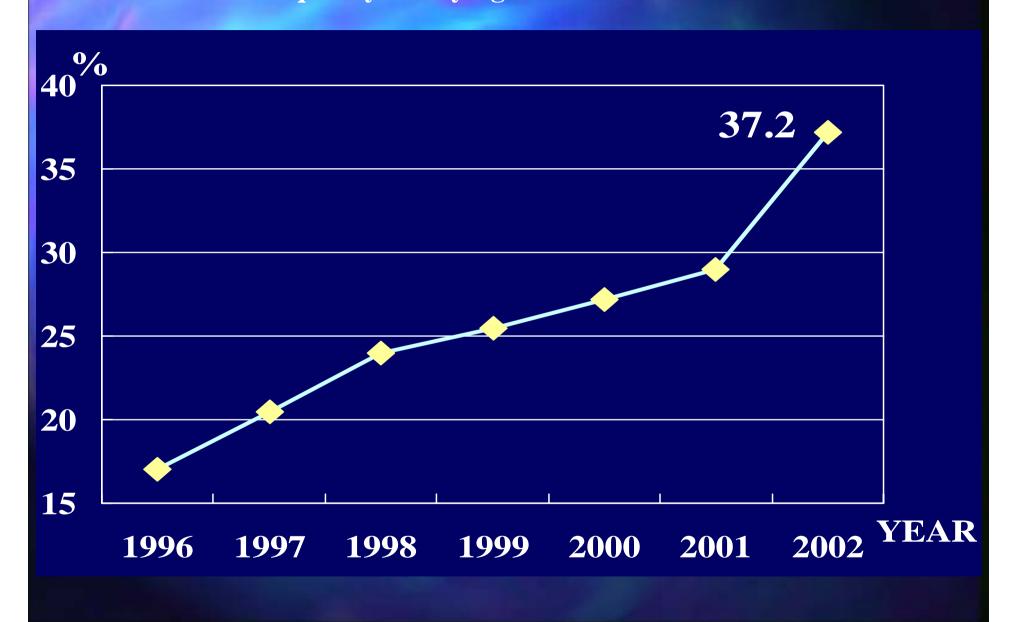


median income: 3.38 million yen

Source: *The 1989 NSFIE* (elderly couples: median income group)



Drop-out from SS Pensions (Non-employees)Delinquency in Paying Pension Contributions



Future Policy Options

Strengthening Incentive-Compatibility
Shift to NDC

Handling Legacy Pensions

Diminishing Excess Liabilities

Strengthening Incentive-Compatibility Shift to NDC

Direct Link between Contributions

and Pension Benefits

"Every Yen Counts"

Increased Credibility

Handling Legacy Pensions Three Options

Reducing Benefits
Increasing Contributions
Increasing Subsidies

Option 1: Reducing Benefits

Deflation-Indexing

A Clawback System

Benefits Indexation Reflecting Macroeconomic Conditions

Increasing the NRA to 67

Deducting Contributions for Health Care

More Taxes on Benefits

Option 2: Increasing Contributions

Incentive-compatible?

What Matters is Taste of Pie

Penalties on Employment

Non-neutral & Regressive

Income Tax Revenues

Option 3: Increasing Subsidies

Where to Go:

Flat-rate Basic Benefits (1/3 1/2) or Guaranteed Pensions or Legacy Pensions?

What Funding Source:

Consumption Tax or Income Tax or Cutting Other Public Expenditure?

The 2004 Reform Bill (1)

Increasing Contributions

by 0.354 point Every Year

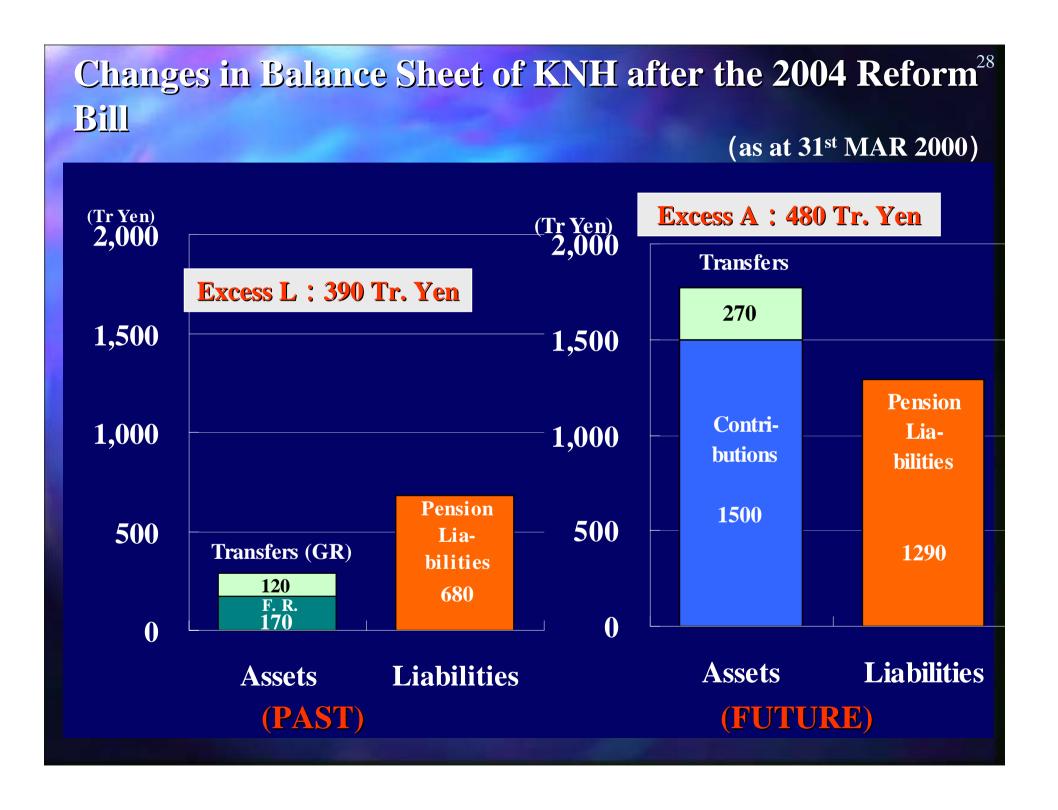
18.30% from 2017 onwards

by 280 yen Every Year

16,900 yen from **2017** onwards

Increasing Subsidies

Flat-rate Basic Benefits (1/3 1/2)



The 2004 Reform Bill (2)

Reducing Benefits by Considering "Demographic Factors" in Indexing Benefits between 2005 and 2023

Replacement Rate for a "Model" Couple

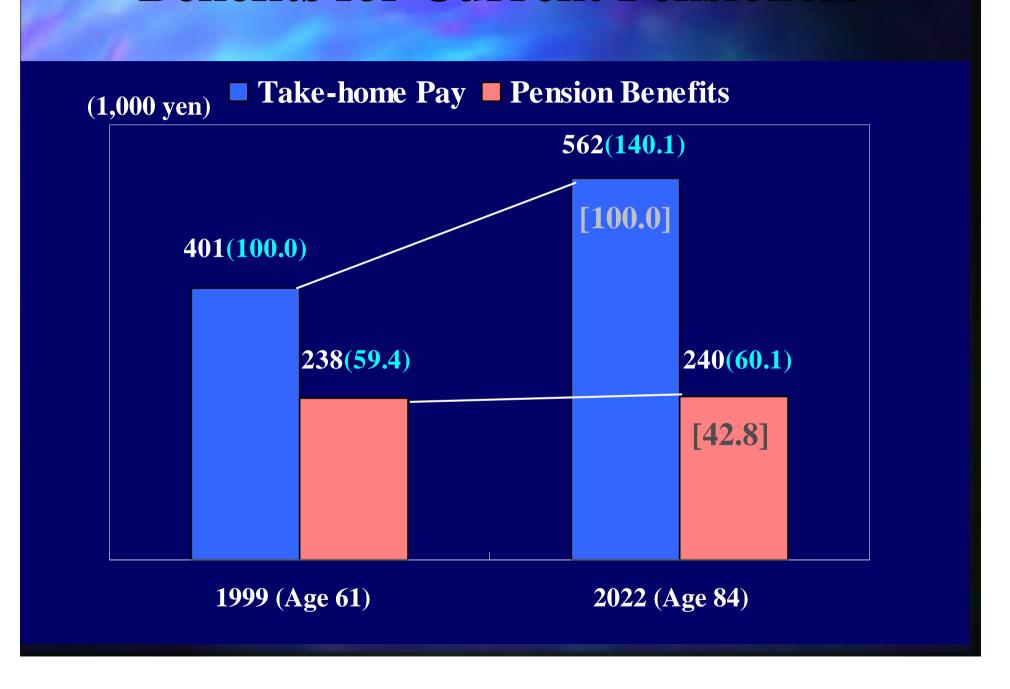
Benefits at Age 65:

60% (2004) 50% (2023)

Current Pensioners:

60% (Age 65) 43% (Age 84)

Benefits for Current Pensioners



The 2004 Reform Bill (3)

Relaxing the Earnings-test

Earnings-split between Husband & Wife

Non-Employees:

Shift to Income-related Contributions

Strengthening Private Initiatives

Concluding Remarks

Balance Sheet: So Informative Tools

Greater Significance on Incentives and Compliance

Burden-Sharing: How It Will Be

Separating Legacy Pensions from Newly Qualified Pensions Recommended

Minimize Adverse Effects on the JPN Economy

Automatic Stabilizers Still Lacking