



e-Tax Administration in Korea

& Its Achievements

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About Greece



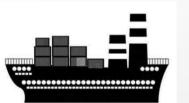
Greece

- Capital : Athens
- **Population** : 10.78 million (1/5 of Korea)
- Currency : Euro
- Area : 131,957km² (1.4 times of Korea)
- Philosopher : Aristoteles, Socrates, Plato
- The cradle of ancient Olympic, Athens
- 17 UNESCO World Heritage Sites
- Euro 2004 Champion

Relations between Korea and Greece

Korea and Greece are closely cooperating in various fields







Korean War Greece dispatched 10,000 troops to South Korea 196 Greeks were killed in the Korean War

Shipbuilding and Shipping Korea ranks first in the world in shipbuilding Greece is the world leader in shipping Korea and Greece are partners in the both field

Trade Trend

Export to Greece surged \$13.1 billion, up 57.7 percent year-on-year Export mainly shipping and import naphtha

Common denominators of Korea and Greece

Olympic games, Geological characteristics







Olympic Games

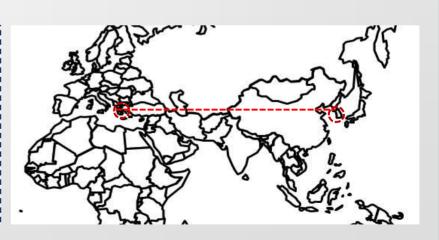
Greece

1896, 1st Athens 2004, 28th Athens – Korea 9th, Greece 15th **Korea** 1988, 24th Seoul – Korea 4th, Greece 46th

Geological Characteristics

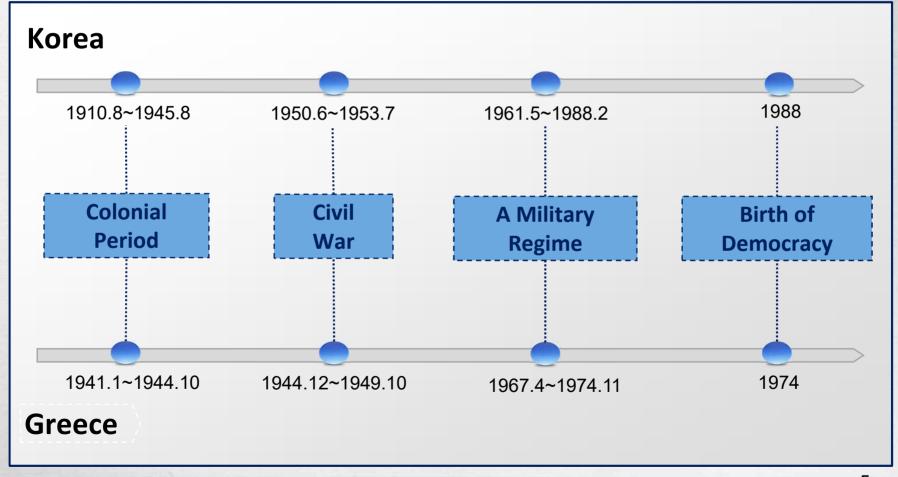
Same as 38 degrees north latitude

Same as peninsula



Common denominators of Korea and Greece

Historical background



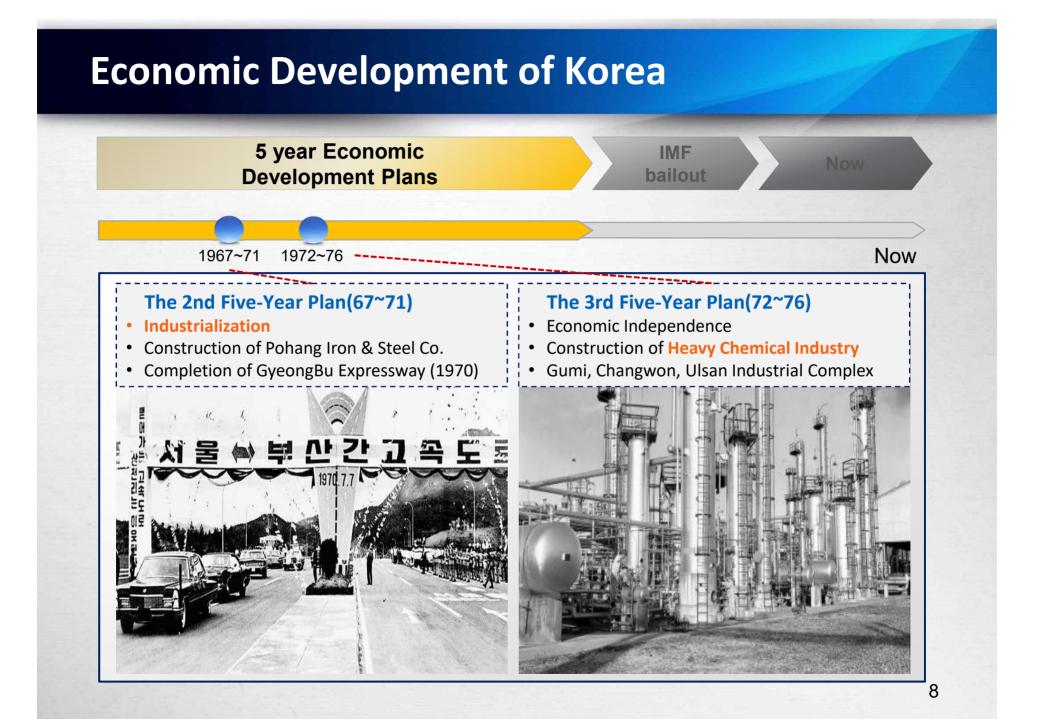
Economic Comparison of Korea and Greece

Comparison of economic key indicators

	2014 2015 2016	2014 2015 2016			
GDP per capita	27,805 27,097 27,533	21,648 17,657 18,078			
Economic growth rate	3.3% 2.8% <mark>2.8%</mark>	0.7% -0.2% - <mark>0.3%</mark>			
Unemployment rate	3.5% 3.6% <mark>3.7%</mark>	26.5% 24.9% <mark>24.7%</mark>			
National debt (GDP compared)	43.7% 44.8% <mark>45.0%</mark>	174.1% 176.9% <mark>182.8%</mark>			

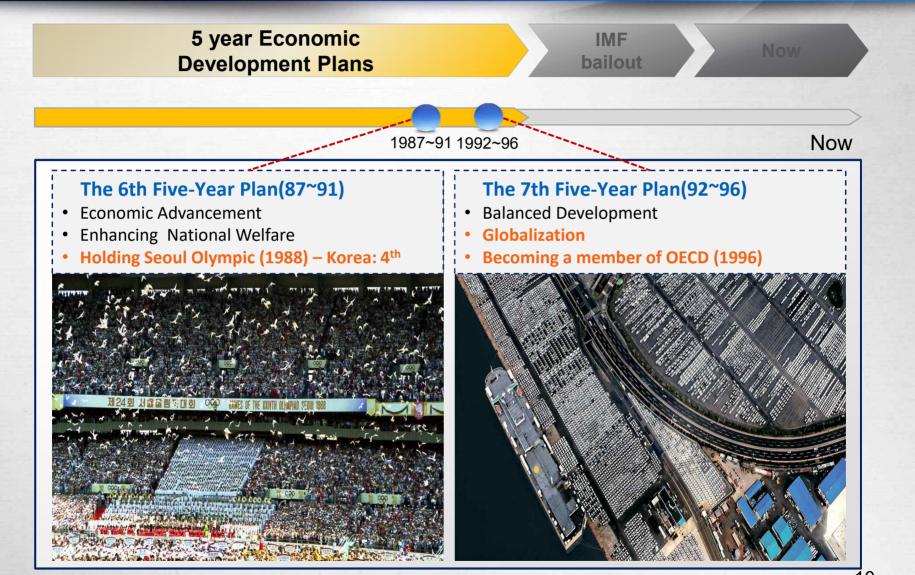
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Economic Development of Korea 5 year Economic IMF Now bailout **Development Plans** Now 1962~66 1953 The 1st Five-Year Plan(62~66) Due to Korean War, destroyed to ashes Expanding Electrical/Coal Energy Industry • \$1.3 billion GDP (\$67 GDP per capita, 109th) ٠ Constructing Basic Industry Steel & Cement • \$1.7 million Tax Revenue

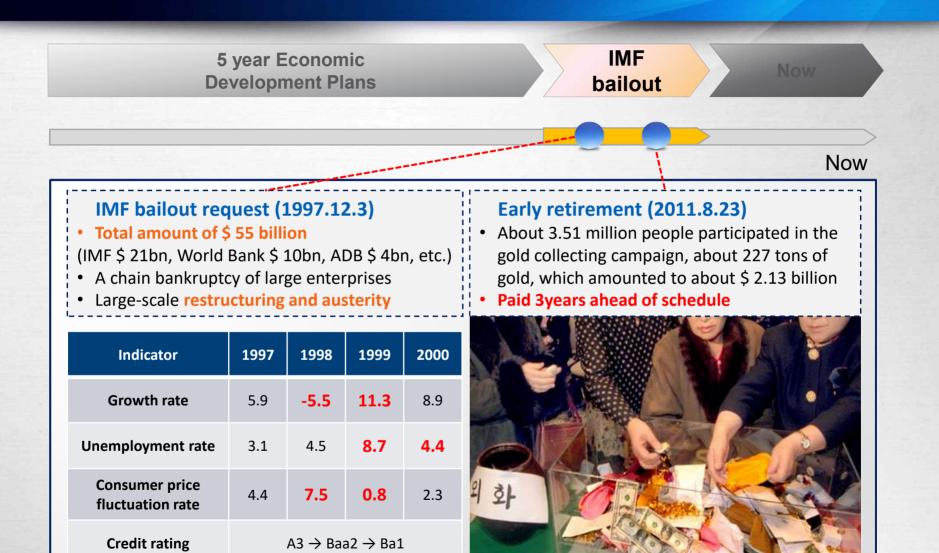




Economic Development of Korea



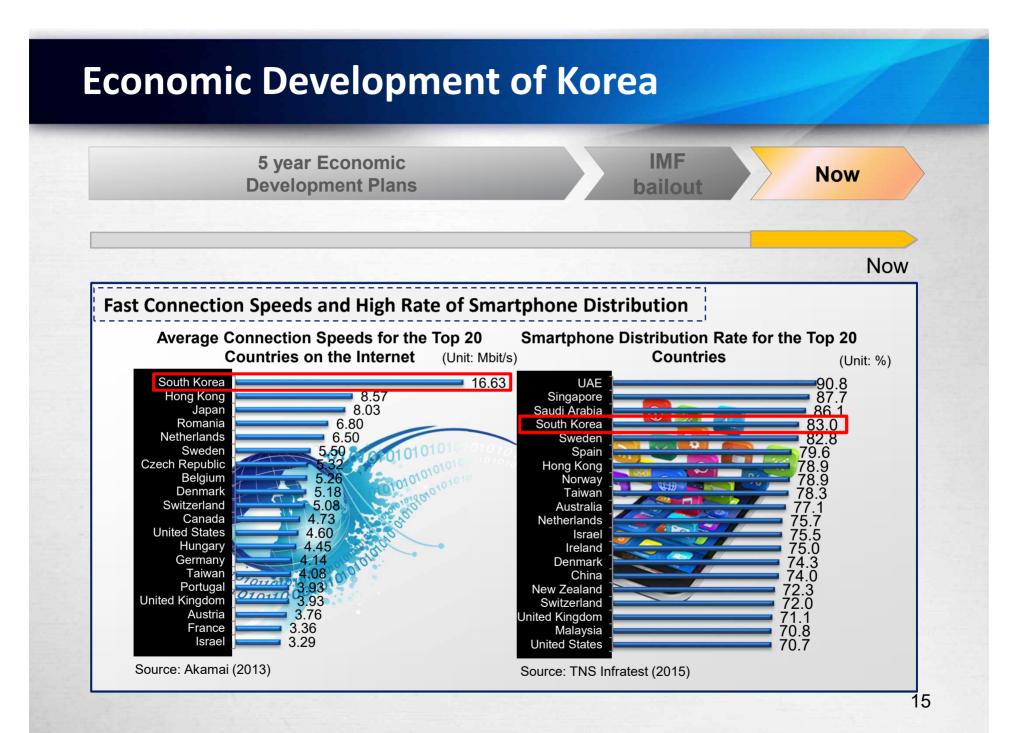
Economic Development of Korea





Economic Development of Korea IMF **5 year Economic** Now **Development Plans** bailout Now Accomplishing 1 trillion dollars of trade (2011) – 5,400 times increased since 1948 \$ 1.08 tr (2012) Main Export 1960 1970 1980 1990 2000 2010 M -**Quantum Leap in Trading** \$ 545.6 bn (12) Unit: USD, () represents ranking \$ 260.1 bn (12) \$ 112.5 bn (12) 2005 \$ 0.2 bn (66) \$ 1.3 bn (55) \$ 11.3 bn (34 1967 (Chiteles 13

Economic Development of Korea IMF **5** year Economic Now **Development Plans** bailout Now (Unit: 10,000 lines for Wire) High Growth of Number of Wire/Wireless Communication User (Unit: 10,000 persons for Wireless) 6,000 5,721 5,077 5,000 4,020 4,000 3,234 (ð 2,905 3,000 2,349 2.193 2,312 2,052 1,927 1,765 2,000 1,694 1,179 1,000 752 559 229 21 0 1980 1985 1987 1990 1995 1999 2000 2002 2006 2010 2014 1965 Source: Statistics Korea ■ Wire ■ Wireless 14



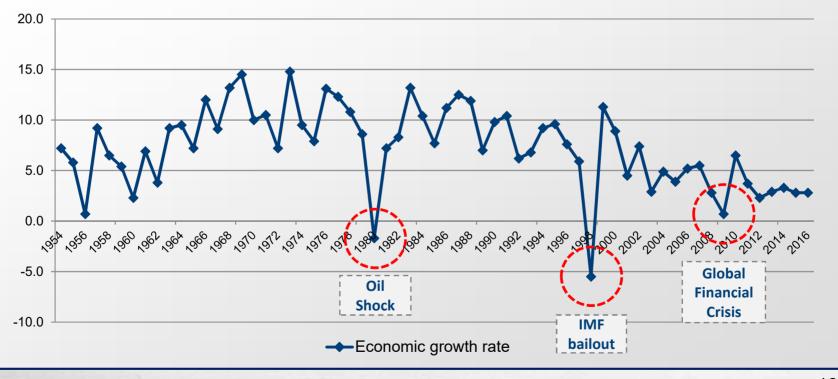


Economic Development of Korea IMF **5 year Economic** Now **Development Plans** bailout Now 10 Things Korea does better than anywhere else – CNN, 2013 6. Female golfers 7. Starcraft **10. Plastic Surgery** Of the top 100 female Starcraft is actually a Would-be swans golfers in the world, career. with hundreds from around the 38 are Korean of thousands of dollars world flock to Korea in earnings on plastic surgery 9. Blind dates 8. Flight Attendants It's a way of life for Korean airlines' flight Korean. 2,500 match attendant training centers making companies in are the global charm the country schools of the aviation world 17

Economic Development of Korea

Korea's economic growth rate from 1953 to 2016

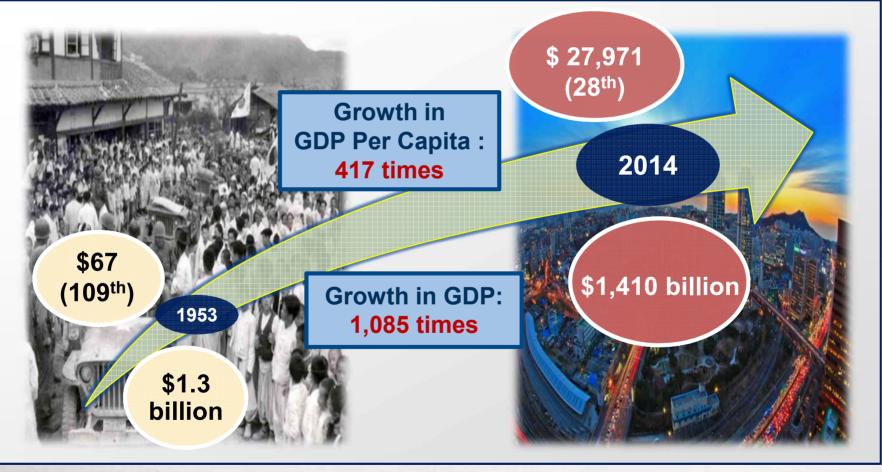
Although there have been 3 economic crises, Korea has grown rapidly since 1954



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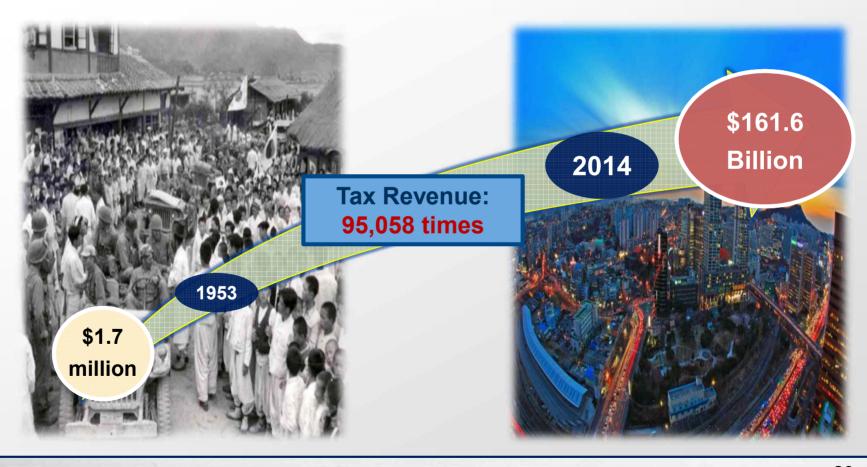
Growth of GDP per capita and GDP

The economy grew rapidly from 1953 to 2014



Growth of Tax Revenue

Increase in tax revenue leads to economic growth



Tax Administration Reform

Tax Administration Reform

Reason for tax administration reform

• Improving the costly and inefficient tax administration

• Preventing any tax evasion and smuggling which can bring economic losses to society

 Reducing the expenses coming from frequent visits to the tax office due to tax related work and psychological burden caused by scrutiny from tax investigation authorities Developed countries pursued tax administration reform in order to simplify taxation rules, and so lead to desirable consequences such as a reduction in the social costs and psychological burdens of tax planning

Operating Cost

The social cost of tax complexity is the sum of administrative cost and compliance cost

Operation Cost

- Designing and planning the tax policy
- Drafting and legislating the tax law
- Managing and administrating the tax system
- Complying with tax law and resolving disputes

Compliance Cost

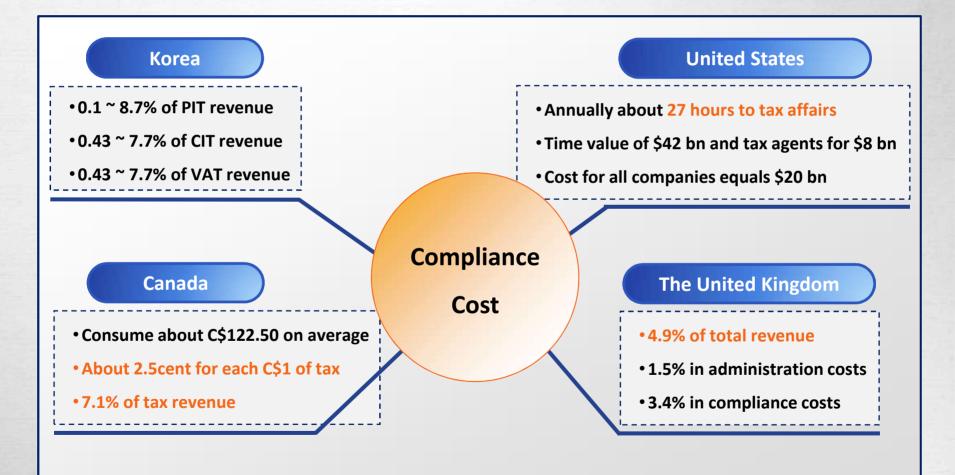
- All the paid expenses and used resources of the private sector to satisfy tax liability
- Include Subjective and psychological cost

Administrative Cost

- All the expenses that government has to pay to collect tax
- Tax policy making, planning and legislation
- Cost of interpreting and implementing the tax law

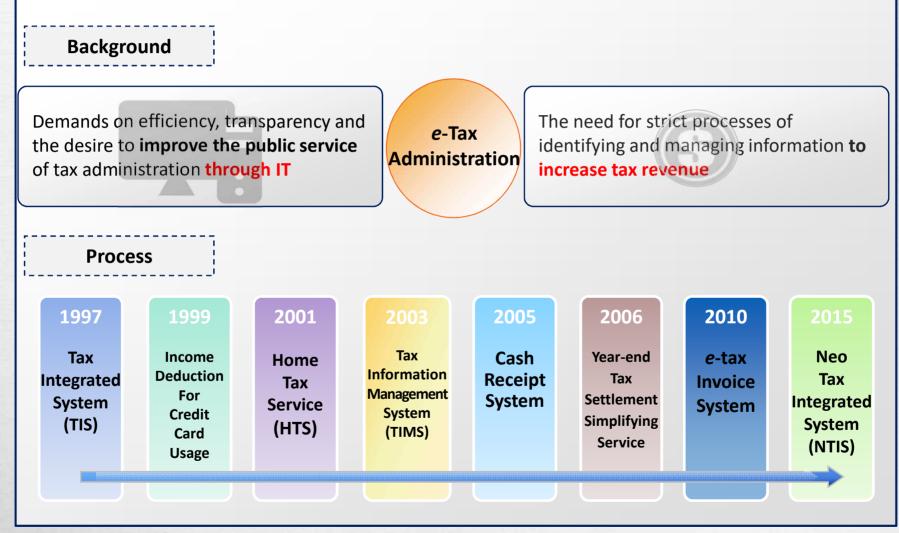
Compliance Cost

Examples of compliance cost



e-Tax Administration Reform in Korea

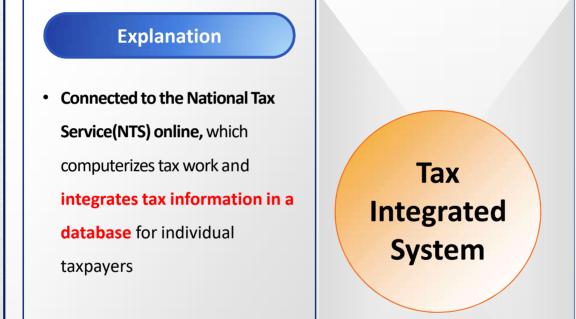
e-Tax Administration



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1 Tax Integrated System (1997)

Explanation and Purpose of Tax Integrated System (TIS)



Designed to overcome the

administration workforce

limitations of the tax

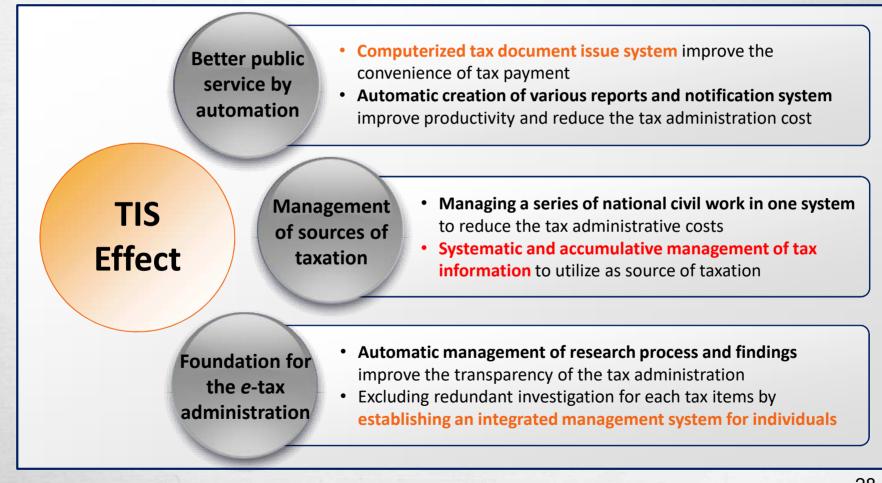
Purpose

- Expanding the automation management of tax administration by improving the productivity
- Reducing the discretion of the person by computer
 processing, resulting in
 enhancing the transparency of
 the tax administration

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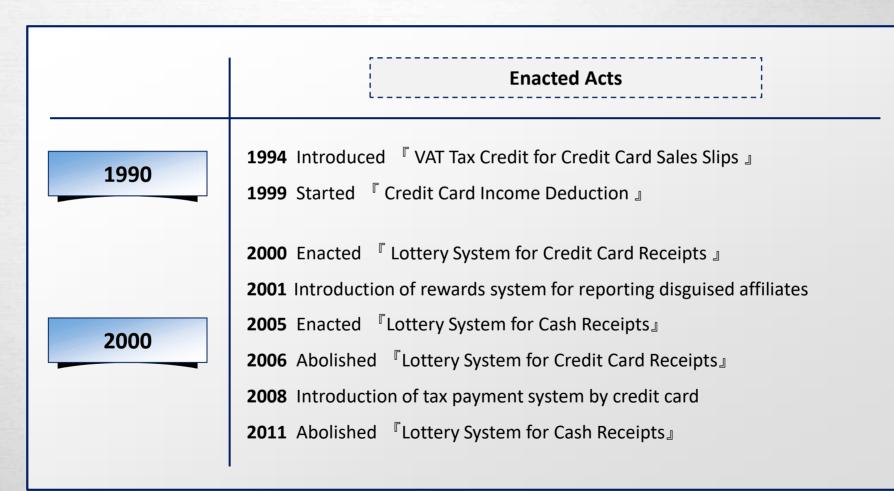
1 Tax Integrated System (1997)

Effects of Tax Integrated System (TIS)

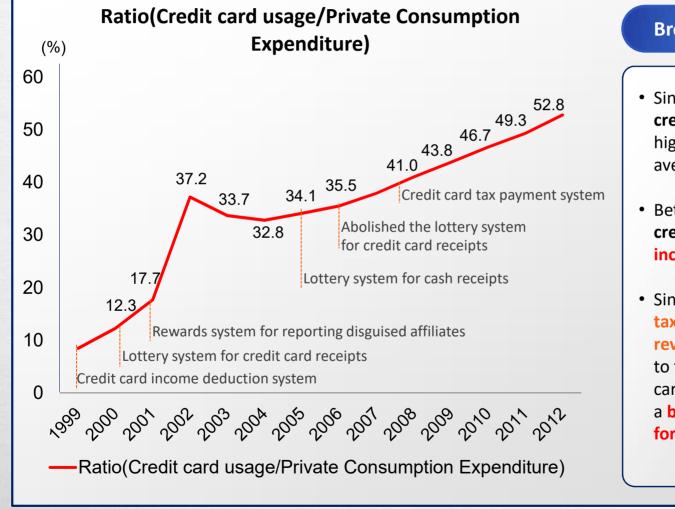


2 Income Deduction for Credit Card Usage (1999)

Tax Incentive Policies to Vitalize Credit Card Usage



2 Income Deduction for Credit Card Usage (1999)

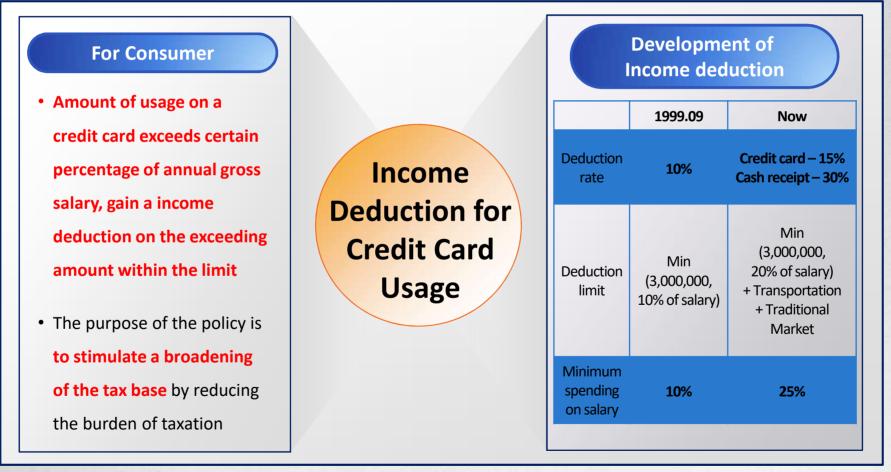


Broaden the tax base

- Since 1990, the annual credit card usage shows a high growth rate on the average of 23.5%
- Between 1999 and 2002, credit card usage increased by 100.3%
- Since 1999, the number of taxpayers and national tax revenue has increased due to the increase of credit card usage which enabled a broadening the tax base for the self-employed

2 Income Deduction for Credit Card Usage (1999)

Income deduction in accordance the use of credit card



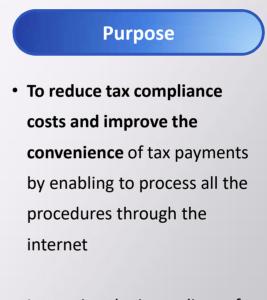
3 Home Tax Service (2001)

Explanation and Purpose of Home Tax Service

Explanation

Home Tax Service is the Internetbased integrated tax administration service which enables taxpayers to solve all of their tax issues without the need to visit any tax office in accordance with the developments in IT and Internet usage

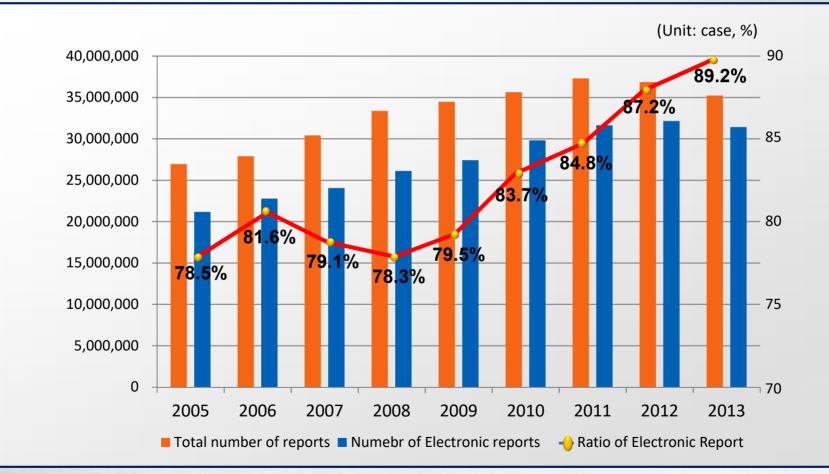
Home Tax Service



 Increasing the immediacy of tax administration and reducing the costs of tax administration

3 Home Tax Service (2001)

Trends of Tax Filed Electronically



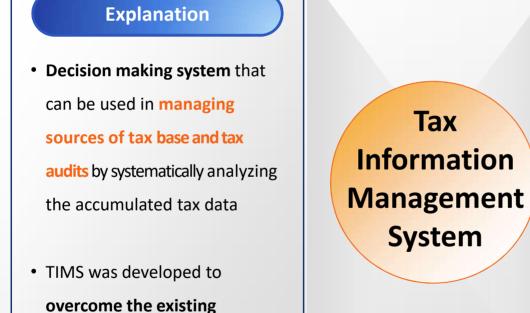
3 Home Tax Service (2001)

Ratio of Electronic Tax Filing

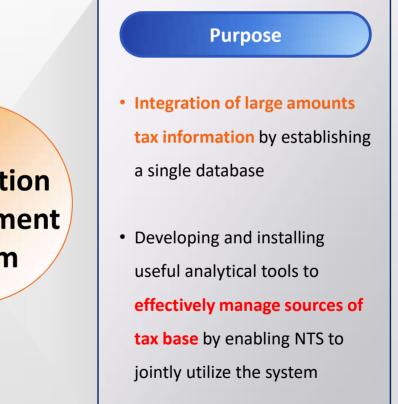
Tax Items	Sort ·	Year								
		2005	2006	2007	2008	2009	2010	2011	2012	2013
VAT	Total(A)	9,548,093	9,737,879	10,531,788	11,372,565	11,929,903	12,163,373	12,547,309	11,872,788	10,663,434
	Electronicfile(B)	7,198,253	7,684,730	7,910,377	8,429,093	8,895,728	9,613,232	10,072,675	9,818,730	9,049,961
	Ratio(B/A)(%)	75.4	78.9	75.1	74.1	74.6	79.0	80.3	82.7	84.9
Income Tax	Total(A)	2,775,022	3,428,729	4,045,270	4,888,581	4,516,871	4,703,854	5,005,424	5,289,054	5,447,494
	Electronicfile(B)	2,252,413	2,746,022	3,266,119	3,909,161	3,767,046	4,108,422	4,396,816	4,807,370	4,989,533
	Ratio(B/A)(%)	81.2	80.1	80.7	80.0	83.4	87.3	87.8	90.9	91.6
Corporate Tax	Total(A)	336,208	354,836	381,565	401,819	421,145	440,088	465,262	492,632	522,898
	Electronicfile(B)	325,705	343,755	366,710	385,860	404,859	428,268	453,410	483,710	514,132
	Ratio(B/A)(%)	96.9	96.9	96.1	96.0	96.1	97.3	97.5	98.2	98.3
Total	Total(A)	26,952,656	27,900,156	30,403,167	33,360,238	34,466,472	35,633,434	37,295,776	36,844,028	35,214,379
	Electronicfile(B)	21,170,520	22,762,250	24,035,914	26,122,360	27,411,046	29,815,750	31,618,774	32,142,377	31,418,401
	Ratio(B/A)(%)	78.5	81.6	79.1	78.3	79.5	83.7	84.8	87.2	89.2

4 Tax Information Management System (2003)

Explanation and Purpose of Tax Information Management System (TIMS)

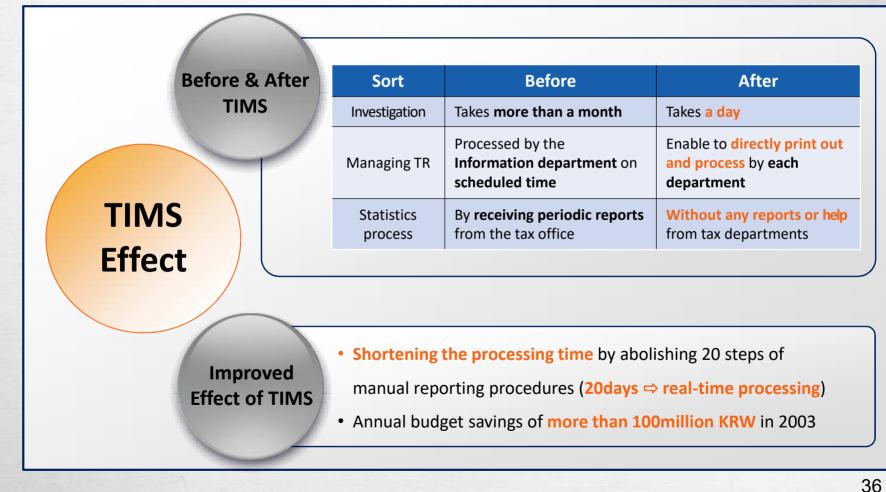


limitations of TIS in 2003

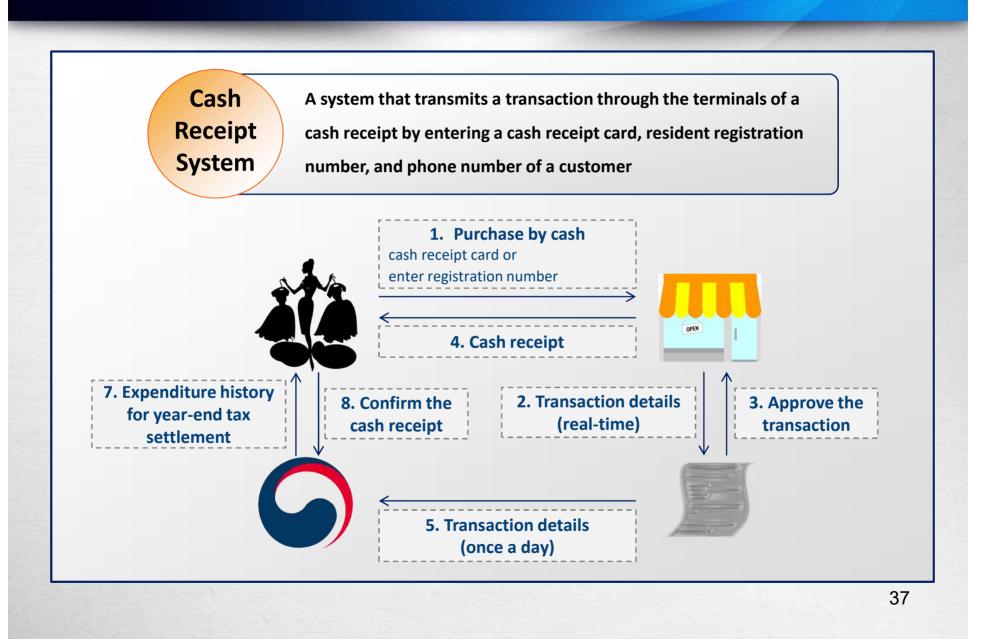


4 Tax Information Management System (2003)

Effects of tax information management system (TIMS)



(5) Cash Receipt System (2005)



(5) Cash Receipt System (2005)

Authentication means of the cash receipt system



Means of

authentication





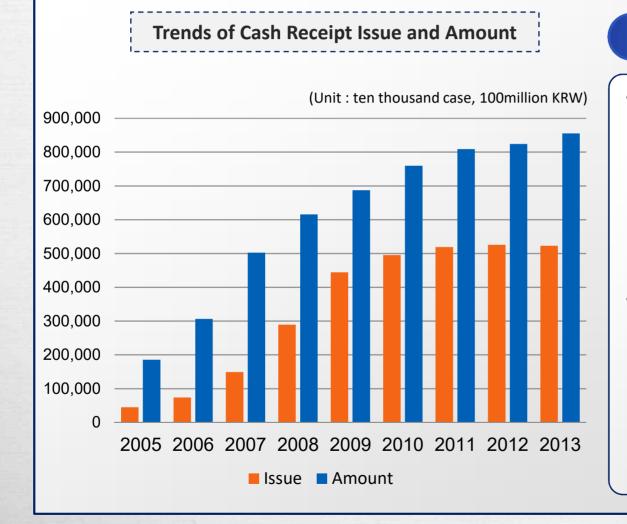
• Can check the identity of the consumer through the cash receipt card

issued by the NTS for free

- Also possible to check through a resident registration number or a mobile phone number of the consumer
- Can be registered as a cash receipt merchant through existing credit card

terminal or internet PC

(5) Cash Receipt System (2005)



Broaden the tax base

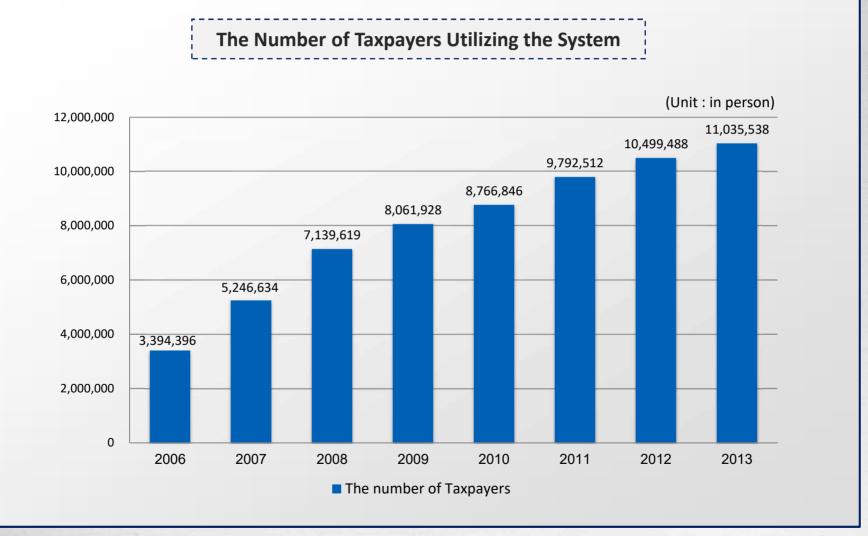
• Since the Cash Receipt System introduced in 2005, there were dramatic increases in the number of cash receipt issues and the amount of cash receipts issued • In 2013, the number of cash receipt issues reached 5.22 billion cases and the amount of cash receipt issues was **85.5trillion KRW (4times higher** than 2005)

6 Year-end Tax Settlement Simplifying Service (2006)

Explanation and Purpose of year-end tax settlement simplifying service

Explanation Purpose The service is to enable The service facilitated to employees to download and reduce the time and costs for Year-end Tax print out year-end tax both taxpayers and tax Settlement settlement related materials authorities, resulting in • In the past, employees had to Simplifying reducing overall compliance undertake the process of **Service** costs contacting relevant authorities to issue annual payment data and submit to the withholding agent

6 Year-end Tax Settlement Simplifying Service (2006)



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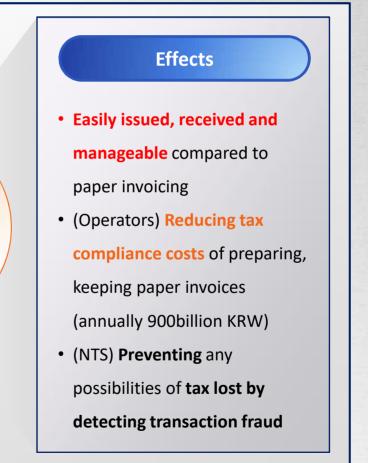
7 e-Tax Invoice System (2010)

Purpose and effects of e-Tax invoice system

Purpose

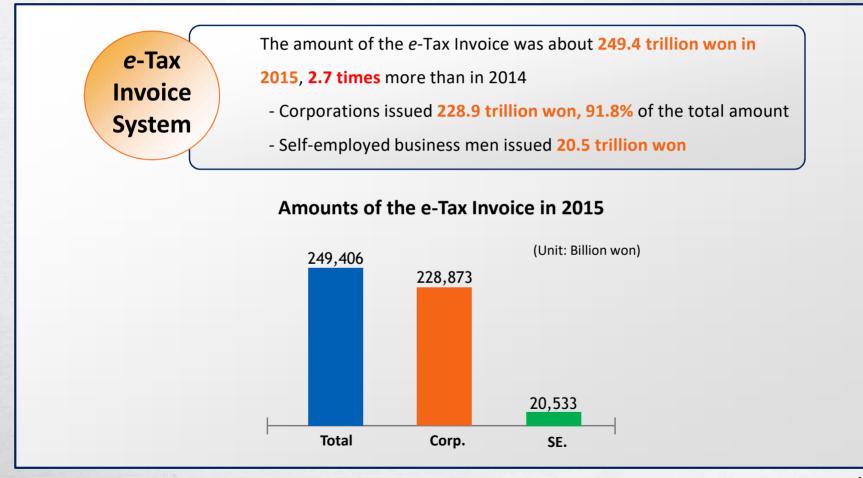
- Enables operators to create and issue the tax invoices and electronically send these to NTS for reducing costs of reporting and keeping the tax invoices
- Designed to avoid any tax
 evasion and creation of false
 tax invoices

e-Tax Invoice System



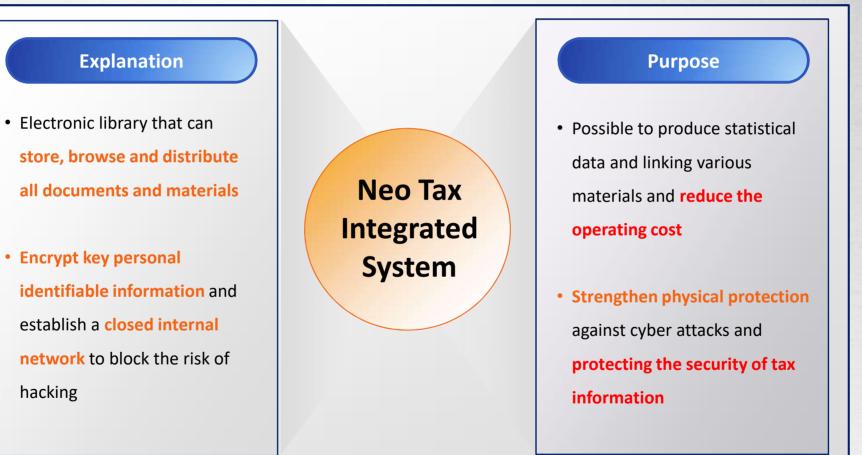
7 e-Tax Invoice System (2010)

Achievement of e-Tax invoice system

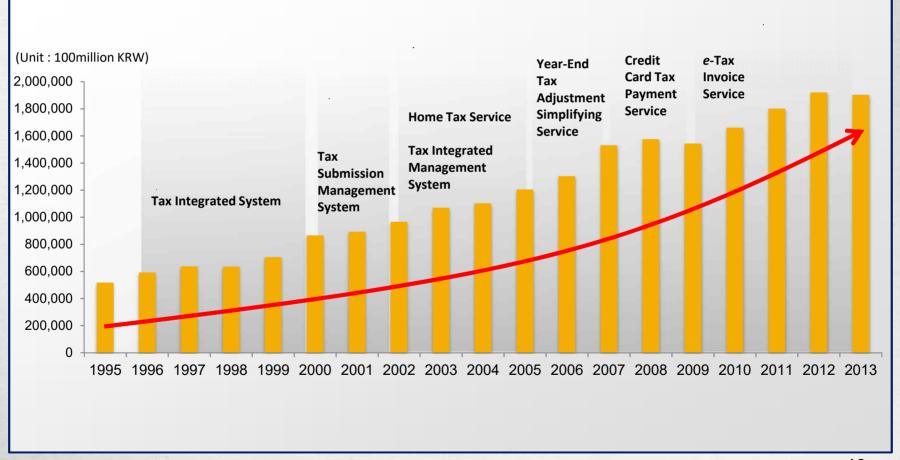


8 Neo Tax Integrated System (2015)

Explanation and Purpose of Neo Tax Integrated System (NTIS)



Developments of Tax Revenue in Korea (1995~2013)

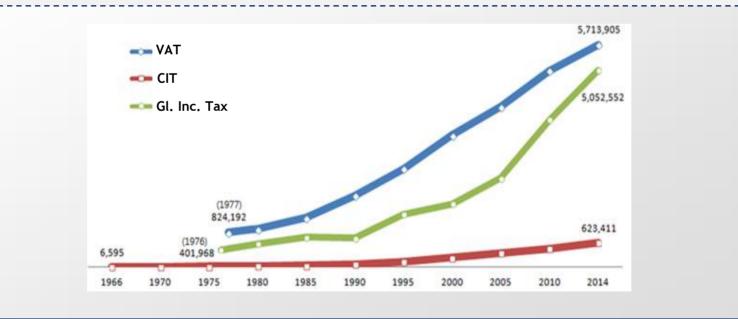


Year	Total Consumption Expenditure on Private Sector(A)	Credit Card(B)		Cash Receipt(C)		Total		
		Amount	Ratio(B/A)	Amount	Ratio(C/A)	Amount	Ratio	
2000	3,303.8	404.8	12.3	-	-	404.8	12.3	-
2001	3,642.5	643.7	17.7	-	-	643.7	17.7	
2002	4,087.1	1,518.8	37.2	-	-	1,518.8	37.2	• Broode
2003	4,200.9	1,417.1	33.7	-	-	1,417.1	33.7	 Broade the tax
2004	4,350.6	1,425.8	32.8	-	-	1,425.8	32.8	the tax
2005	4,654.3	1,586.5	34.1	186	4.0	1,772.5	38.0	• Absorb
2006	4,949.1	1,758.5	35.5	306	6.2	2,064.5	41.7	cash
2007	5,302.6	2,008.3	37.9	503	9.5	2,511.3	47.4	transac
2008	5,616.2	2,300.8	41.0	616	11.0	2,916.8	52.0	into
2009	5,759.7	2,524.0	43.8	687	11.9	3,211.0	55.7	taxatio
2010	6,169.8	2,880.6	46.7	760	12.3	3,640.6	59.0	
2011	6,553.8	3,227.5	49.3	809	12.3	4,036.5	61.6	
2012	6,807.5	3,596.7	52.8	824	12.1	4,420.7	64.9	

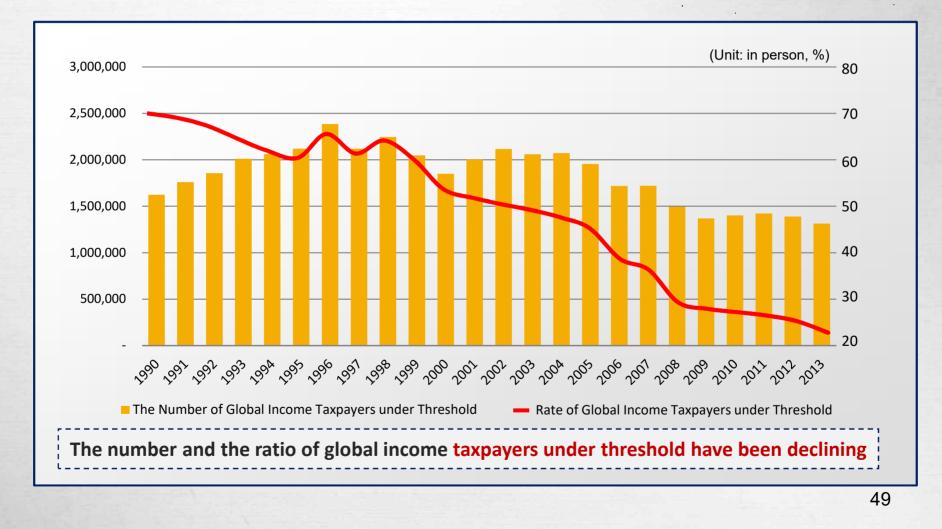
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Number of taxpayers by tax

- Number of taxpayers of VAT increased from 824,000 to 5,714,000
- For CIT, the number increased from 6,600 to 623,400
- For PIT, the number increased from 402,000 to 5,052,500



Trends of global income taxpayers under threshold



Reduction in compliance cost for *e*-Tax invoice system

					(Unit: billion KRW						
Estimation of Reduction in Compliance Cost in 2011											
Total	Issue	Collection	Storage	Sum Table	Dispatch						
978.2	311.8	413.2	92.5	93.8	66.9						
Estimation of Reduction in Compliance Cost for individual business in 2014											
Total	lssue	Collection	Storage	Sum Table	Dispatch						
72.8	24.9	25.5	5.3	2.3	14.7						
As business ope compliance cos business, and 7	t has been decr	eased 978.2bil	llion KRW for b	, 0							