

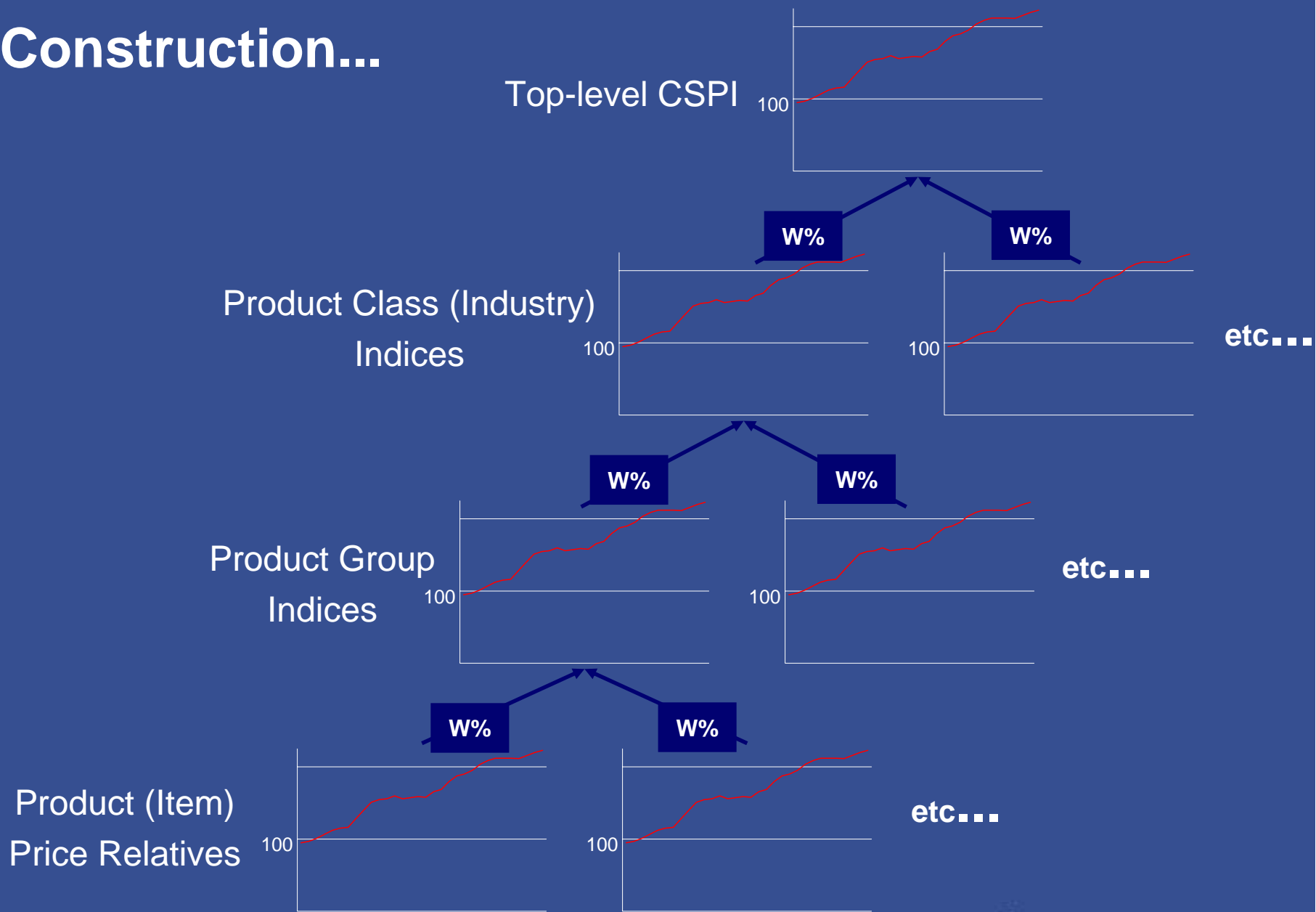
# Rebasing the UK Corporate Services Price Index

Pam Davies  
UK Office for National Statistics

# Recent CSPI developments

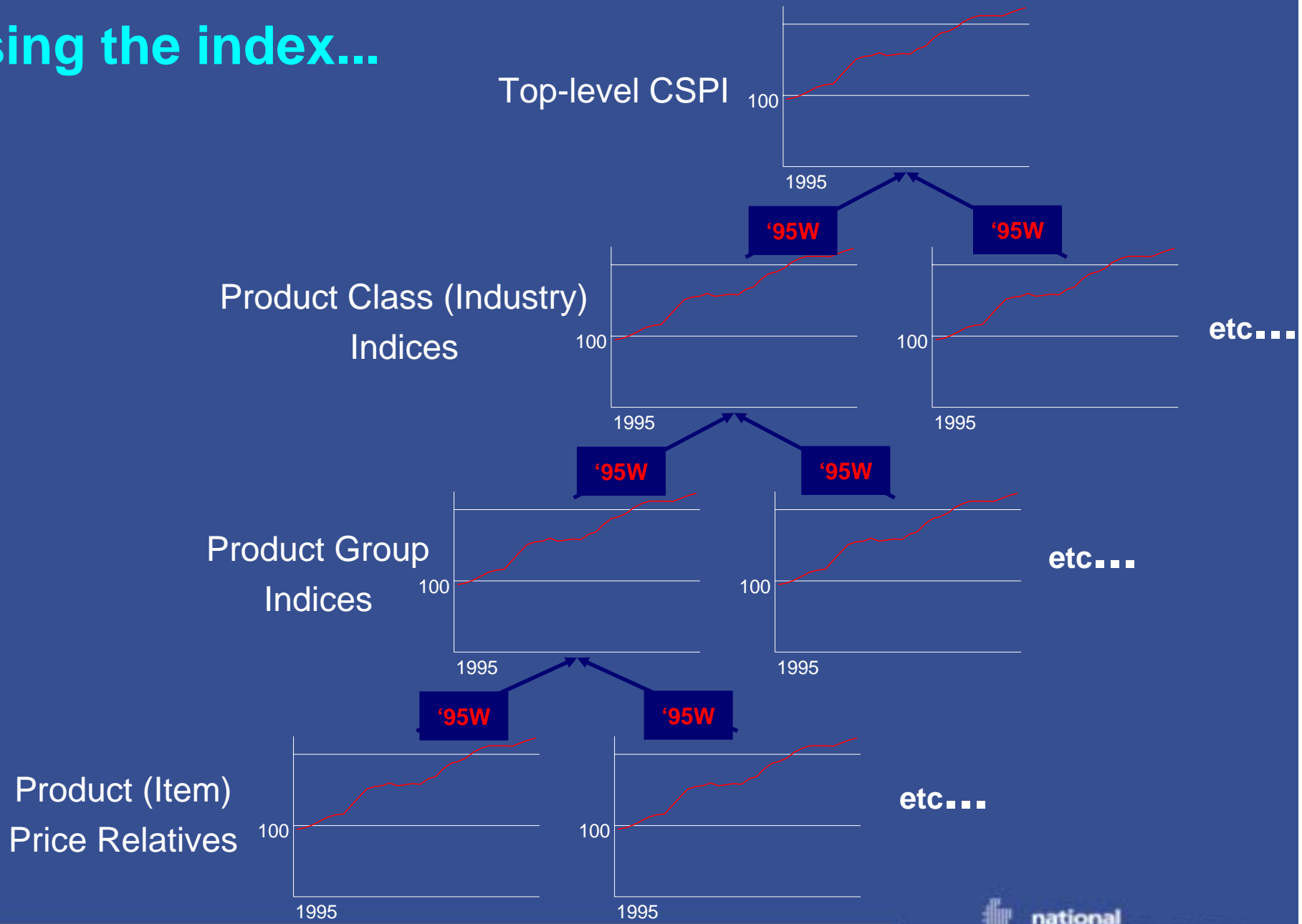
- Rebasing
- Recruitment
- Other improvements

# Index Construction...





# Rebasing the index...

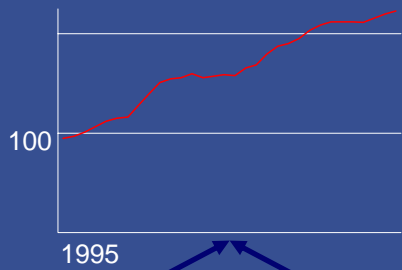




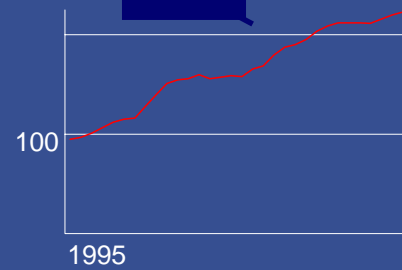
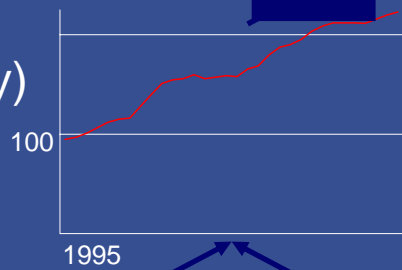
# Rebasing the index...

1. Update the Base Price of PRs from 1995=100 to 2000 = 100

Top-level CSPI

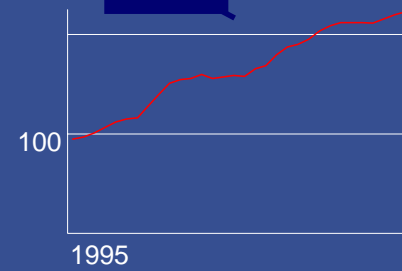
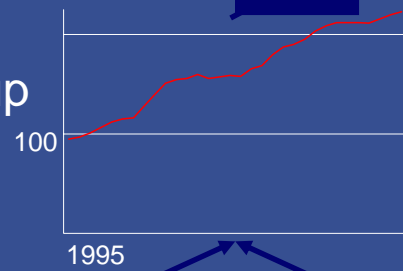


Product Class (Industry) Indices



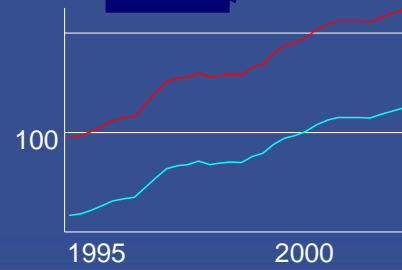
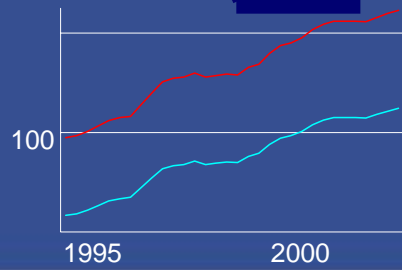
etc...

Product Group Indices



etc...

Product (Item) Price Relatives



etc...

'95W

'95W

'95W

'95W

'95W

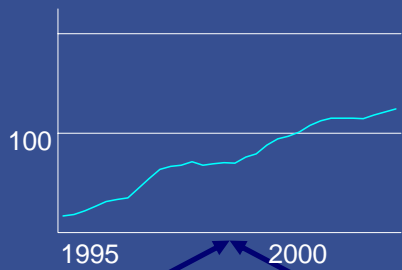
'95W



# Rebasing the index...

1. Update the Base Price of PRs from 1995=100 to 2000 = 100

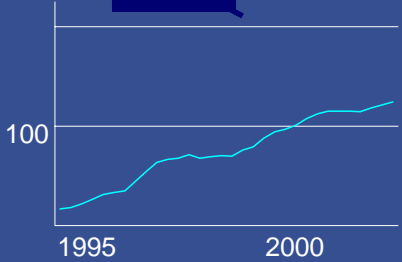
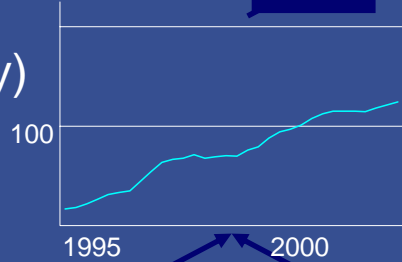
Top-level CSPI



'95W

'95W

Product Class (Industry) Indices

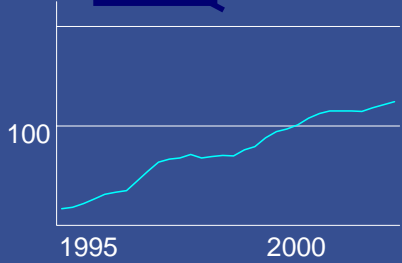
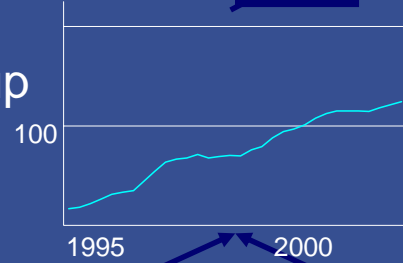


etc...

'95W

'95W

Product Group Indices

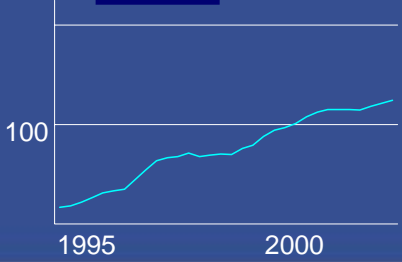
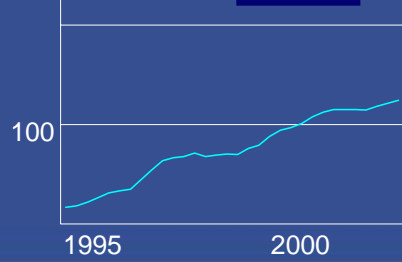


etc...

'95W

'95W

Product (Item) Price Relatives



etc...

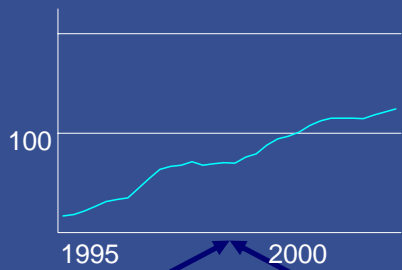


# Rebasing the index...

1. Update the Base Price of PRs from 1995=100 to 2000 = 100

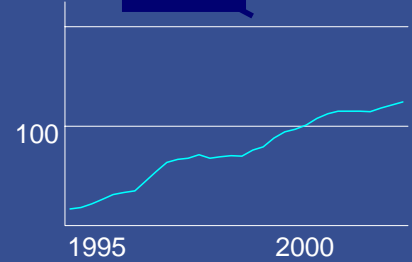
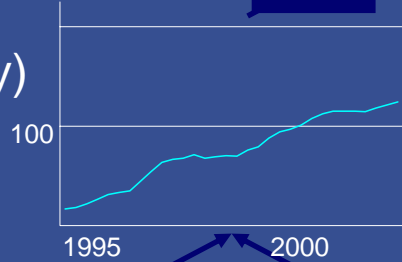
2. Update the Weights from 1995 to 2000 mkt shares

Top-level CSPI



'00W '00W

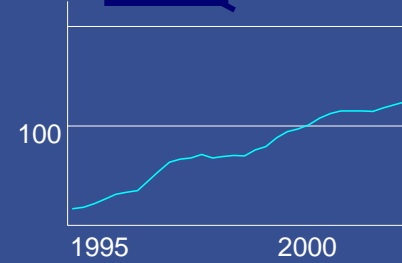
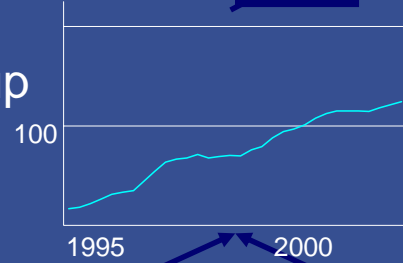
Product Class (Industry) Indices



etc...

'00W '00W

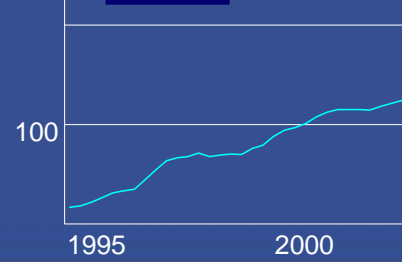
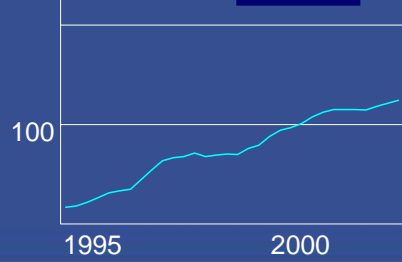
Product Group Indices



etc...

'00W '00W

Product (Item) Price Relatives



etc...



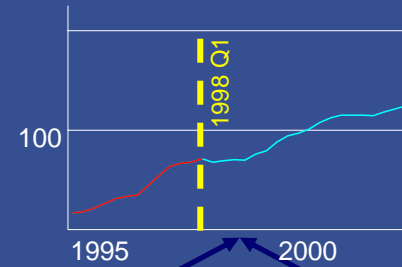
# Rebasing the index...

1. Update the Base Price of PRs from 1995=100 to 2000 = 100

2. Update the Weights from 1995 to 2000 mkt shares

3. Link on the 1995 based series back from 1998 Q1 for all published series

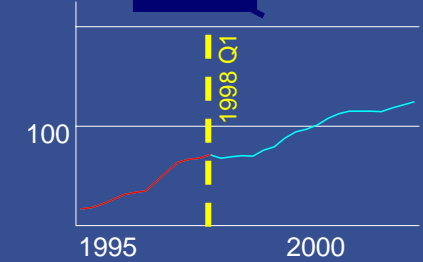
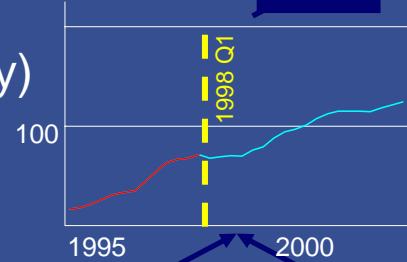
Top-level CSPI



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'00W

Product Class (Industry) Indices



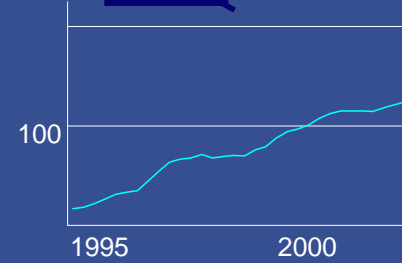
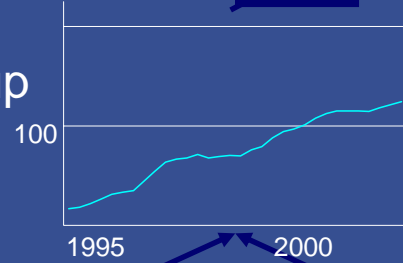
etc...

--- Lowest level of publication ---

'00W

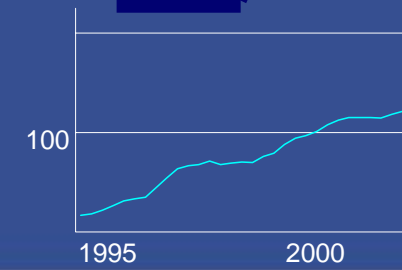
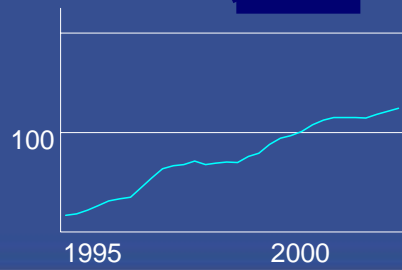
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Product Group Indices



etc...

Product (Item) Price Relatives



etc...



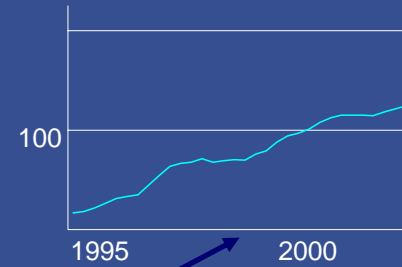


# Re-referencing the proxies...

1. Re-reference the proxy indices from **1995=100** to 2000 = 100

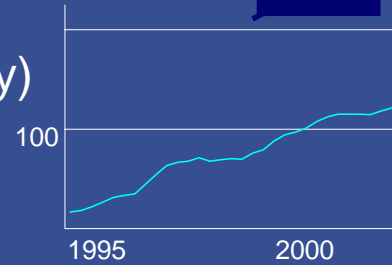
2. Update the Weights from **1995** to 2000 mkt shares

Top-level CSPI



'00W

Product Class (Industry)  
Indices

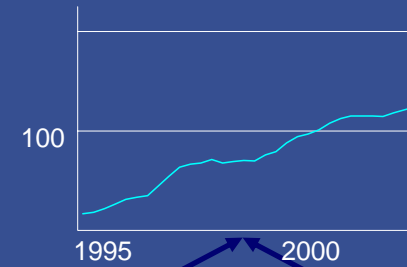


# Recruitment...

1. Create Price Relatives for the newly recruited products

2. Create back history

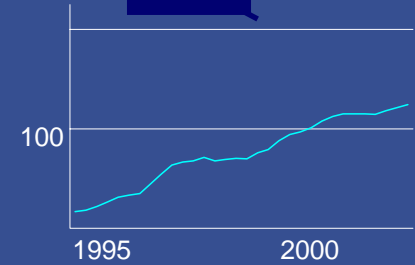
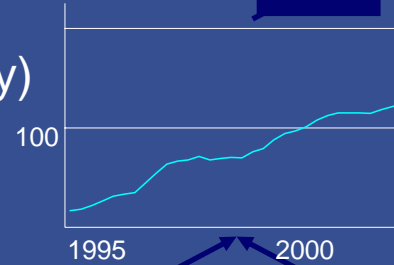
Top-level CSPI



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'00W

Product Class (Industry) Indices

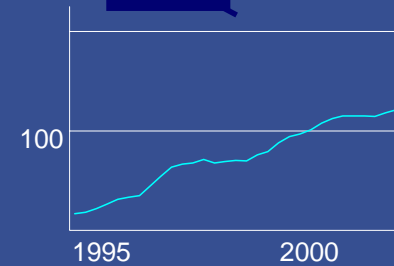
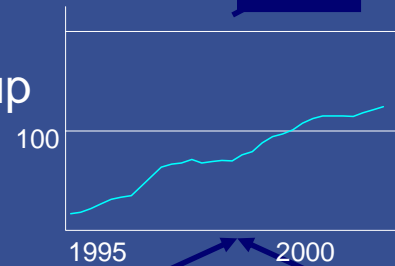


etc...

'00W

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Product Group Indices

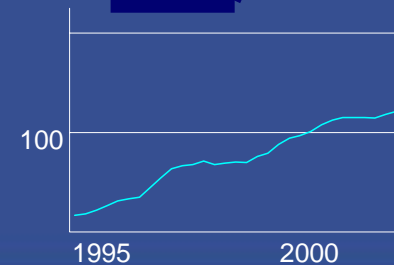
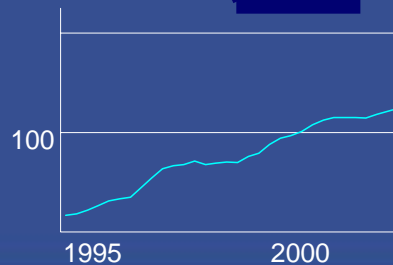


etc...

'00W

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Product (Item) Price Relatives



New Recruits!!!

# Recruitment...

1. Create Price Relatives for the newly recruited products

2. Create back history

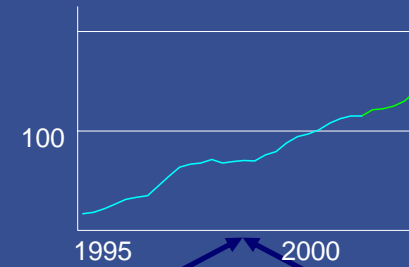
Product Class (Industry)  
Indices

3. Update the Weights to include newly recruited products

Product Group  
Indices

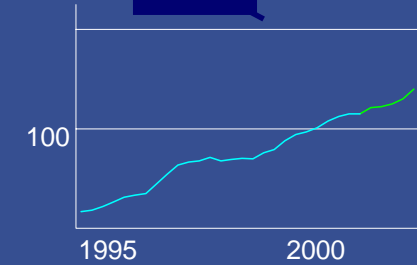
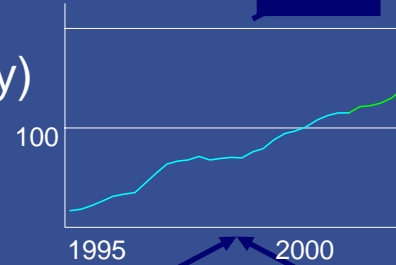
Product (Item)  
Price Relatives

Top-level CSPI



'00W

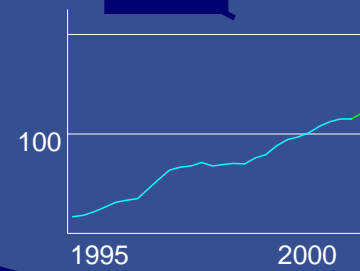
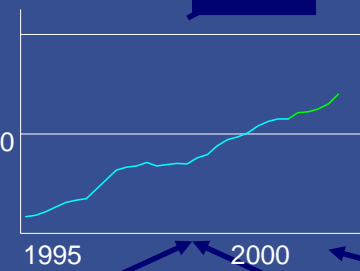
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etc...

'00W

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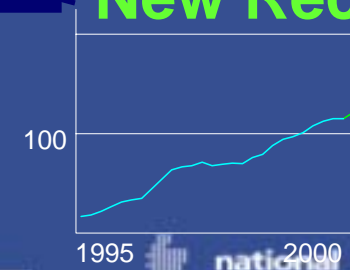
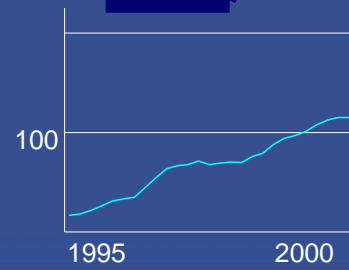
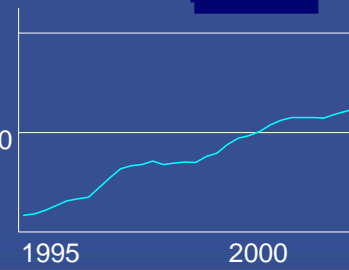


etc...

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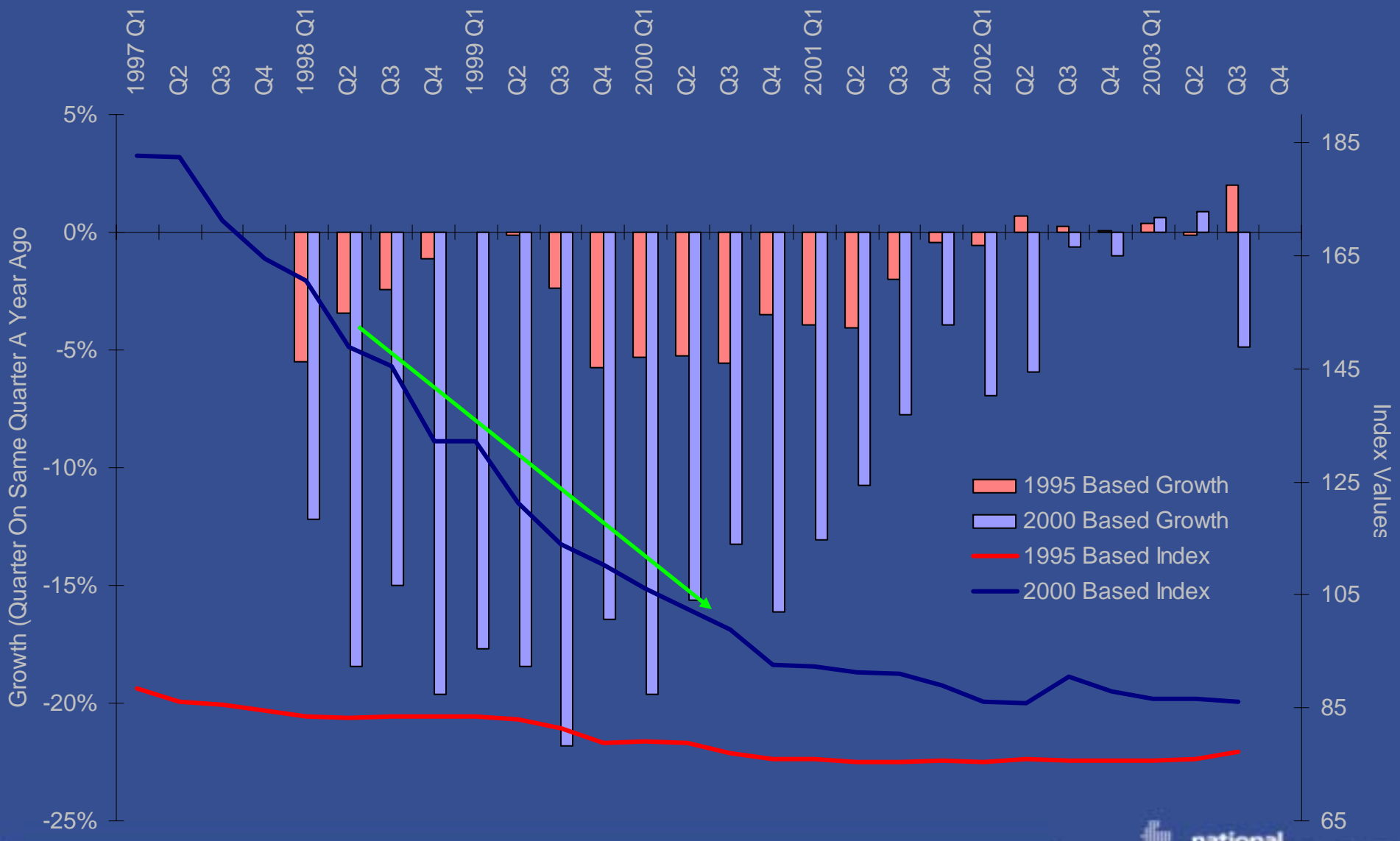


**New Recruits!!!**

## Redevelopment - Business Telecomms Index...

	<u>Original Index</u>	<u>Redeveloped Index</u>
<u>Pricing Mechanism</u>	Rates for 'typical' customer profiles	Unit values calculated by dividing turnover by volume
<u>Data Source(s)</u>	Market Sources <ul style="list-style-type: none"> <li>• Tarifica</li> <li>• What Cellphone? magazine</li> </ul>	Industry Regulator <ul style="list-style-type: none"> <li>• Ofcom quarterly census</li> </ul>
<u>Base Year</u>	1995	2000
<u>Index Movement</u>	Steady decline flattening in recent years	<b>Substantial</b> decline flattening in recent years

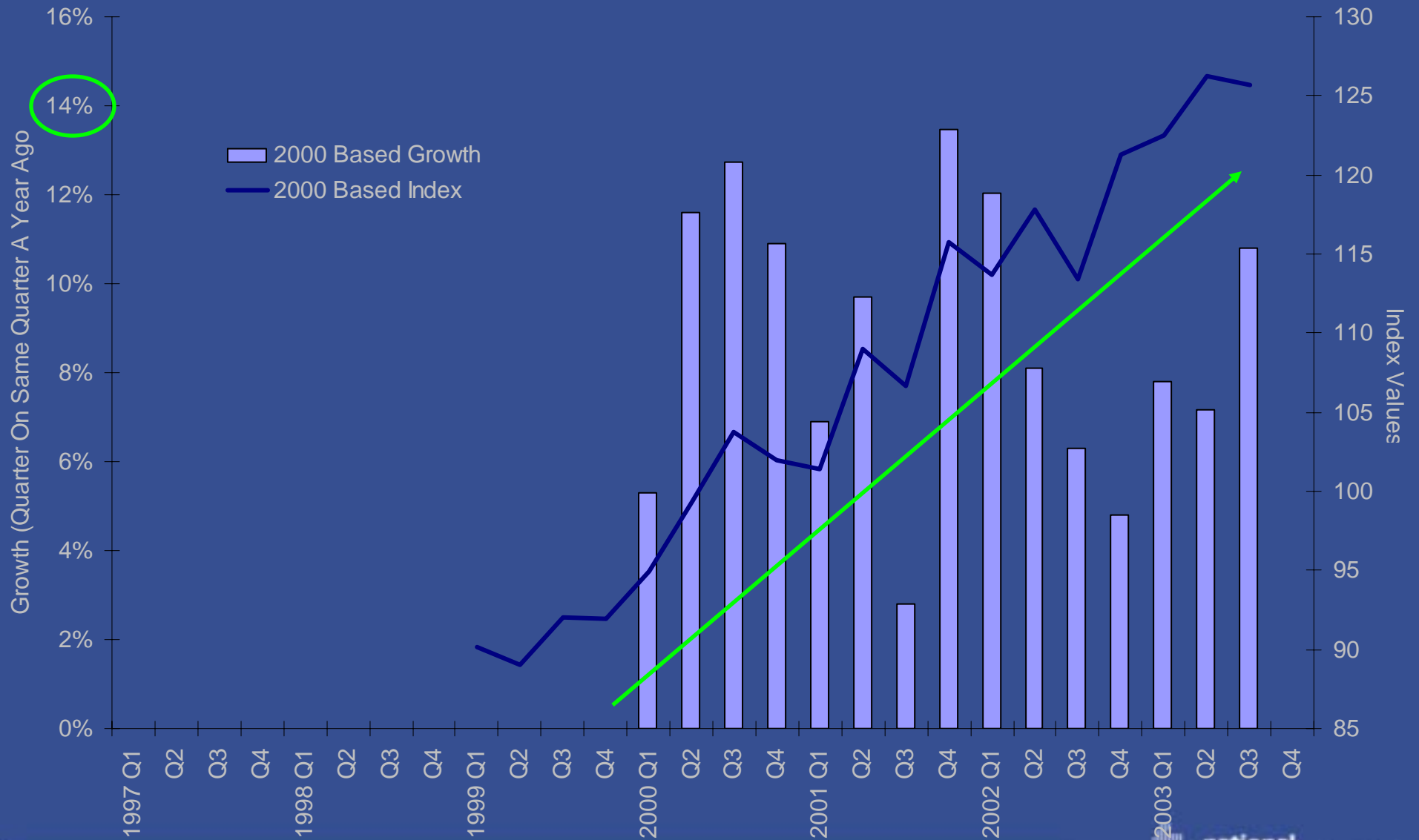
# Redevelopment - Business Telecomms Index...



## New - Banking Index...

<u>Pricing Mechanism</u>	Unit values calculated by dividing a turnover proxy by a volume proxy
<u>Data Source(s)</u>	Bank of England (BoE) Inter Departmental Business Register
<u>Base Year</u>	2000
<u>Index Movement</u>	<b>Substantial</b> rise in prices from 1999 Q1

# New - Banking Index...

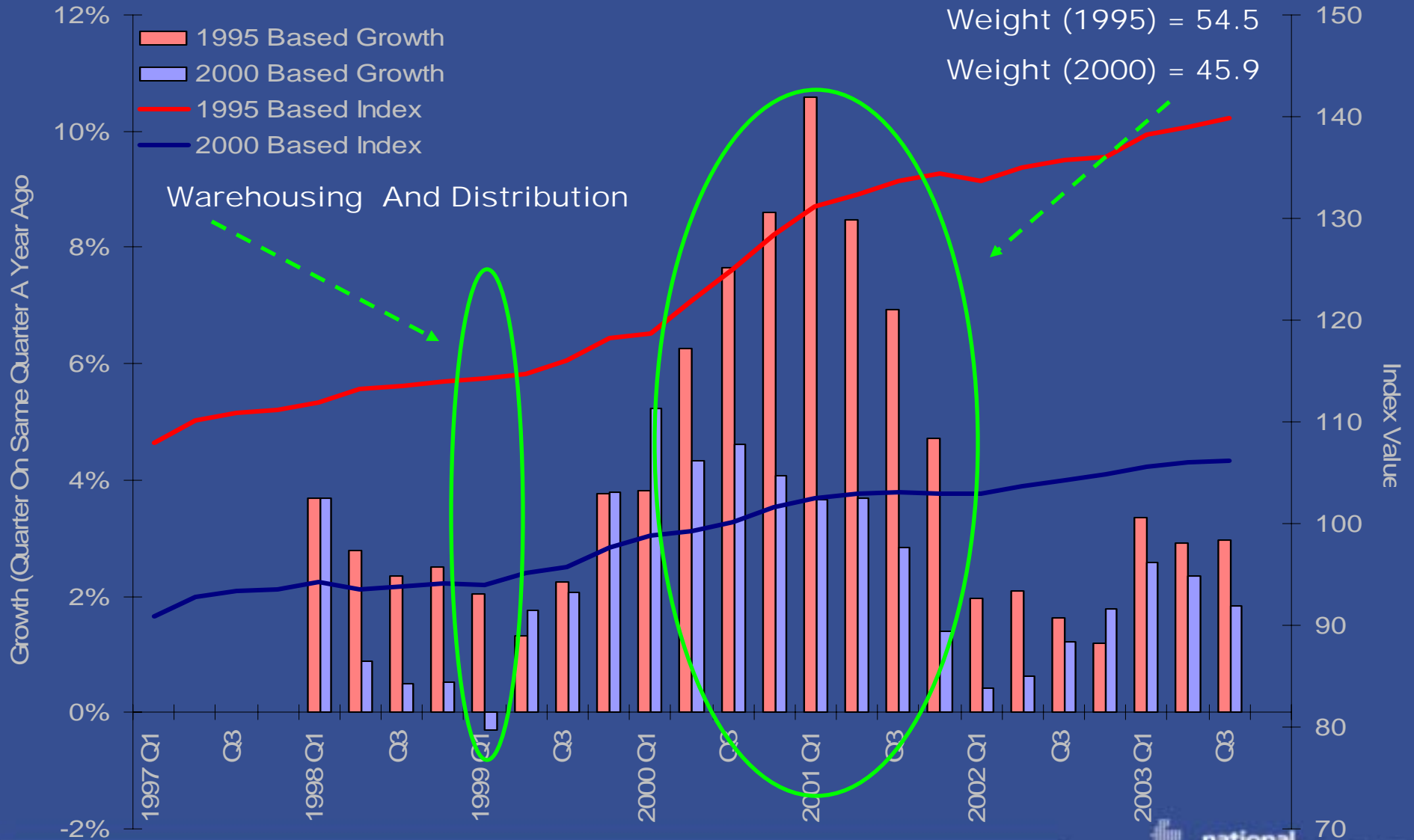


# Freight Transport by Road...

General Haulage :

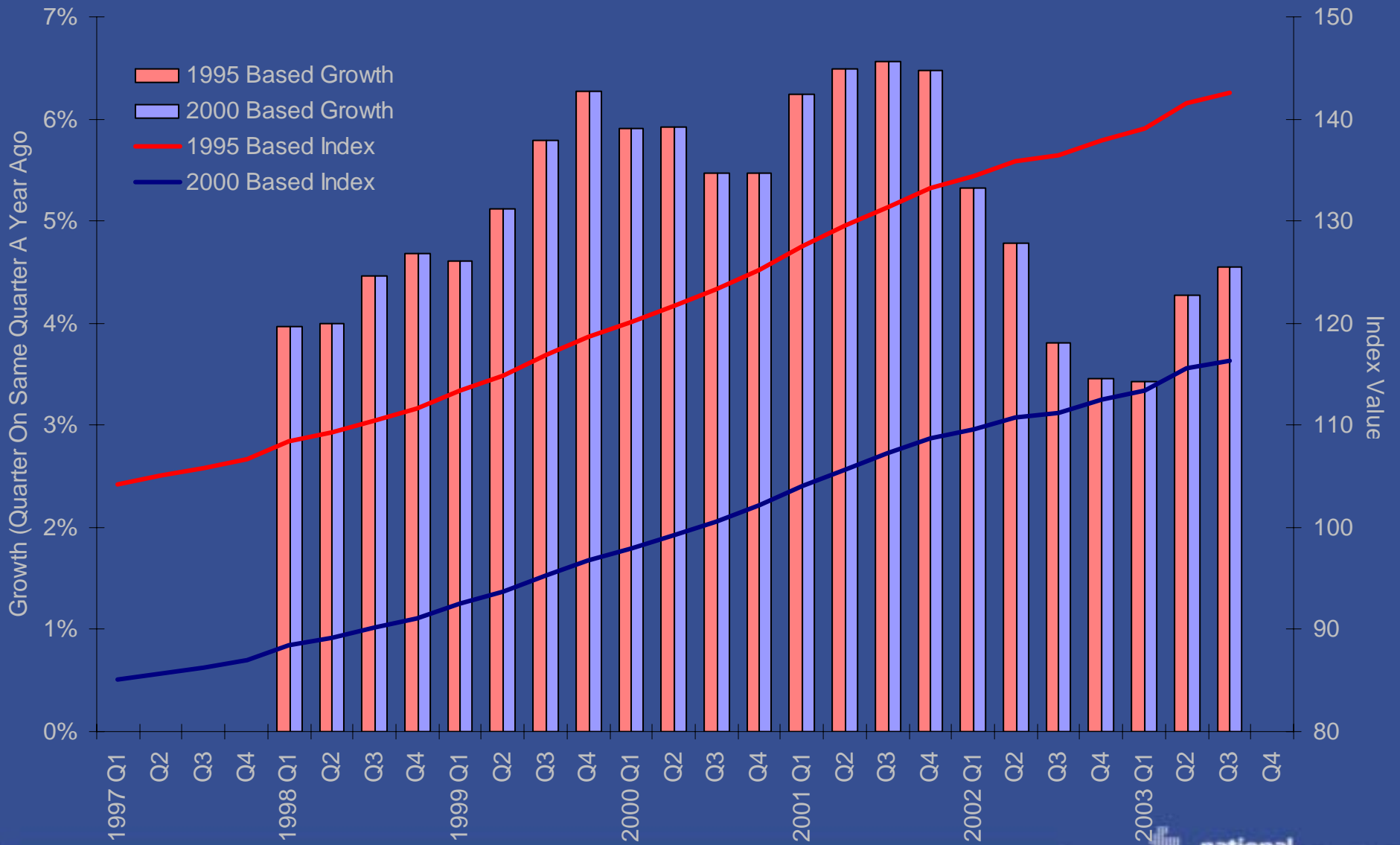
Weight (1995) = 54.5

Weight (2000) = 45.9

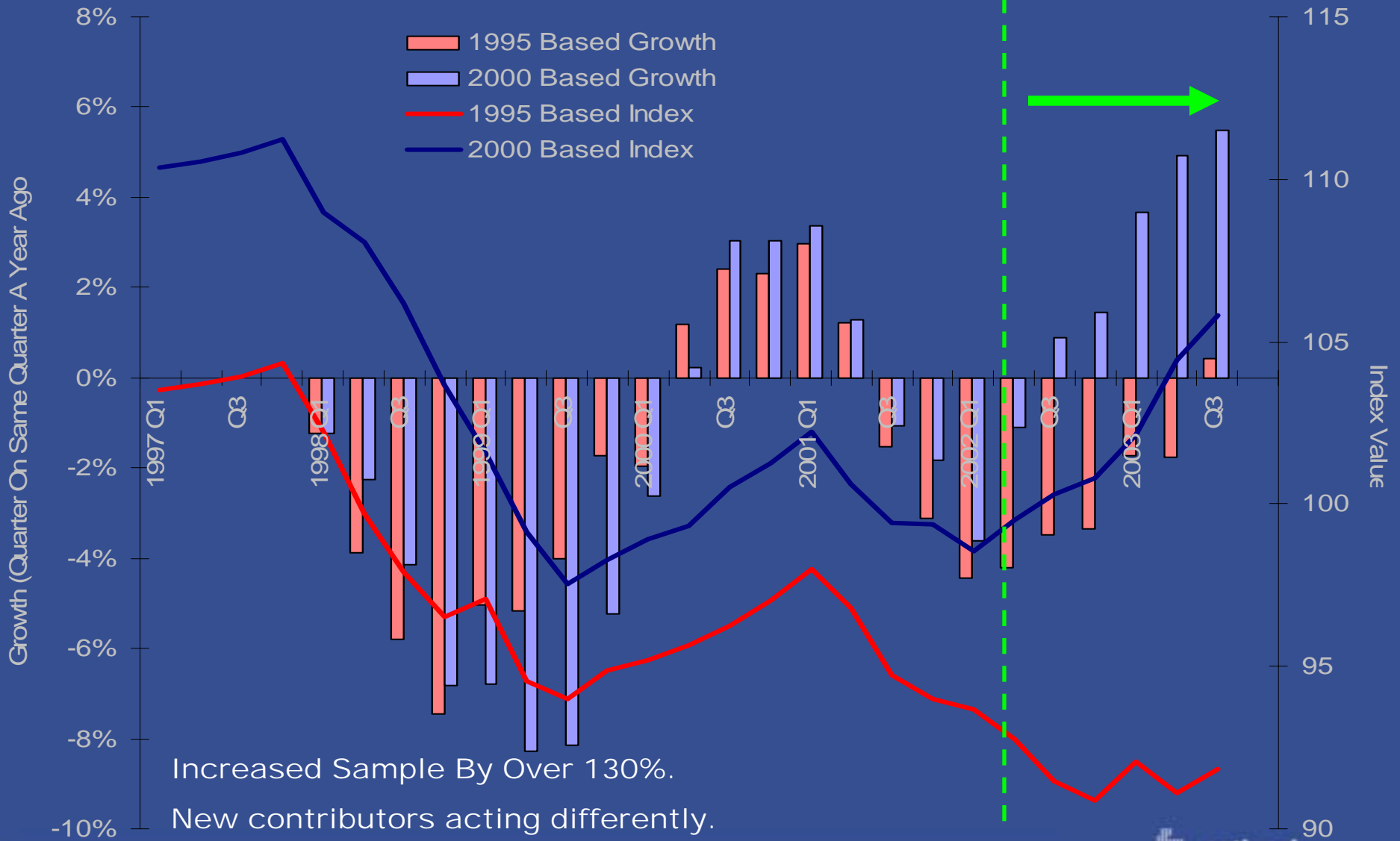




# Property Rental Payments...



# Freight Forwarding...



# Top-level CSPI...

**ECONOMY** printer-friendly

**Corporate Services**  
Third successive increase in CSPI annual rate

CSPI percentage change in a year ago

Prices of business-to-business services as measured by the Corporate Services Price Index (CSPI) rose by 3.4 per cent in the year to the third quarter of 2003, compared to 3.1 per cent in the year to the previous quarter. This is the third successive increase.

**Related Links**

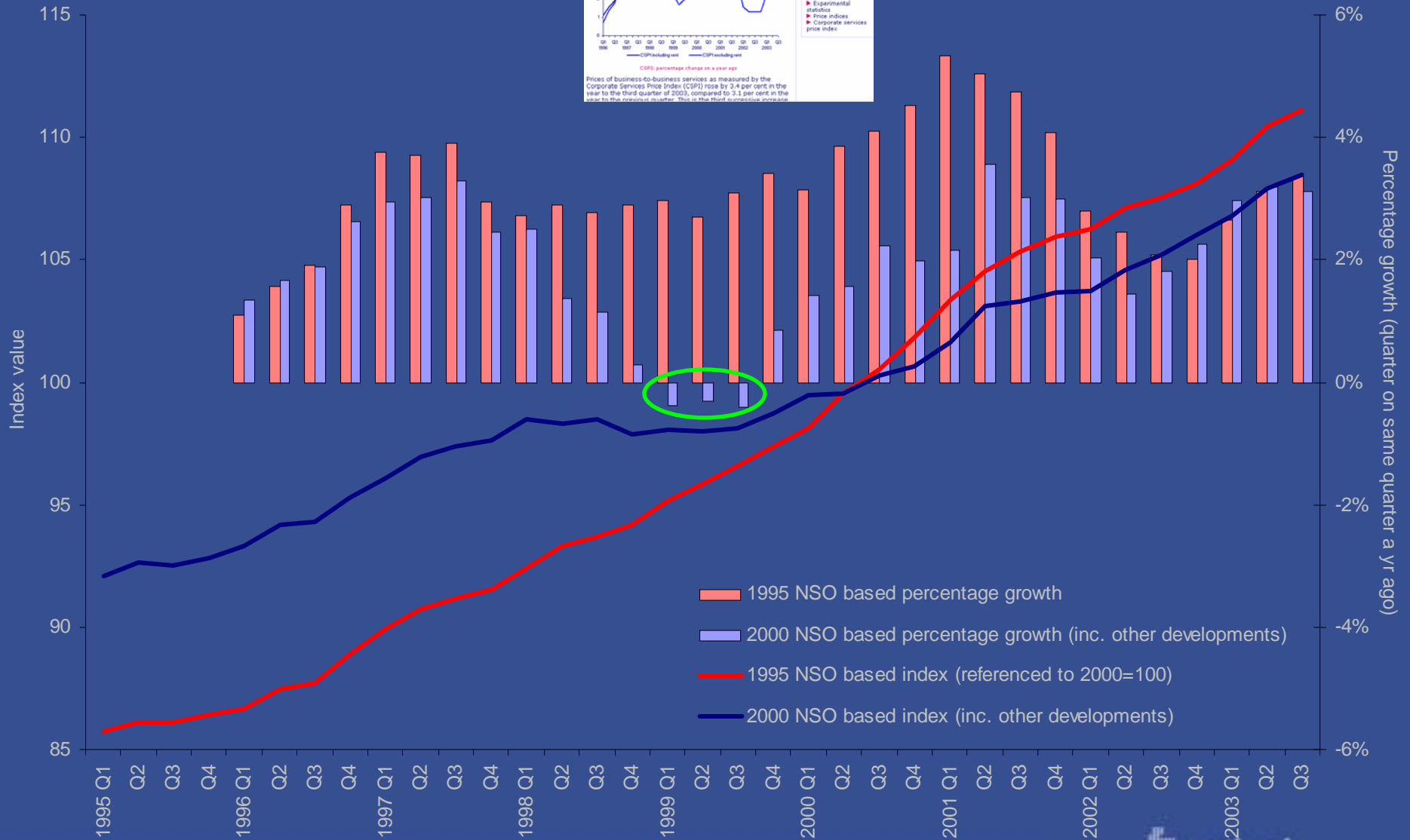
- CSPI rebasing
- Guide to the CSPI
- CSPI results
- Experimental statistics
- Measures of inflation

**External Links**

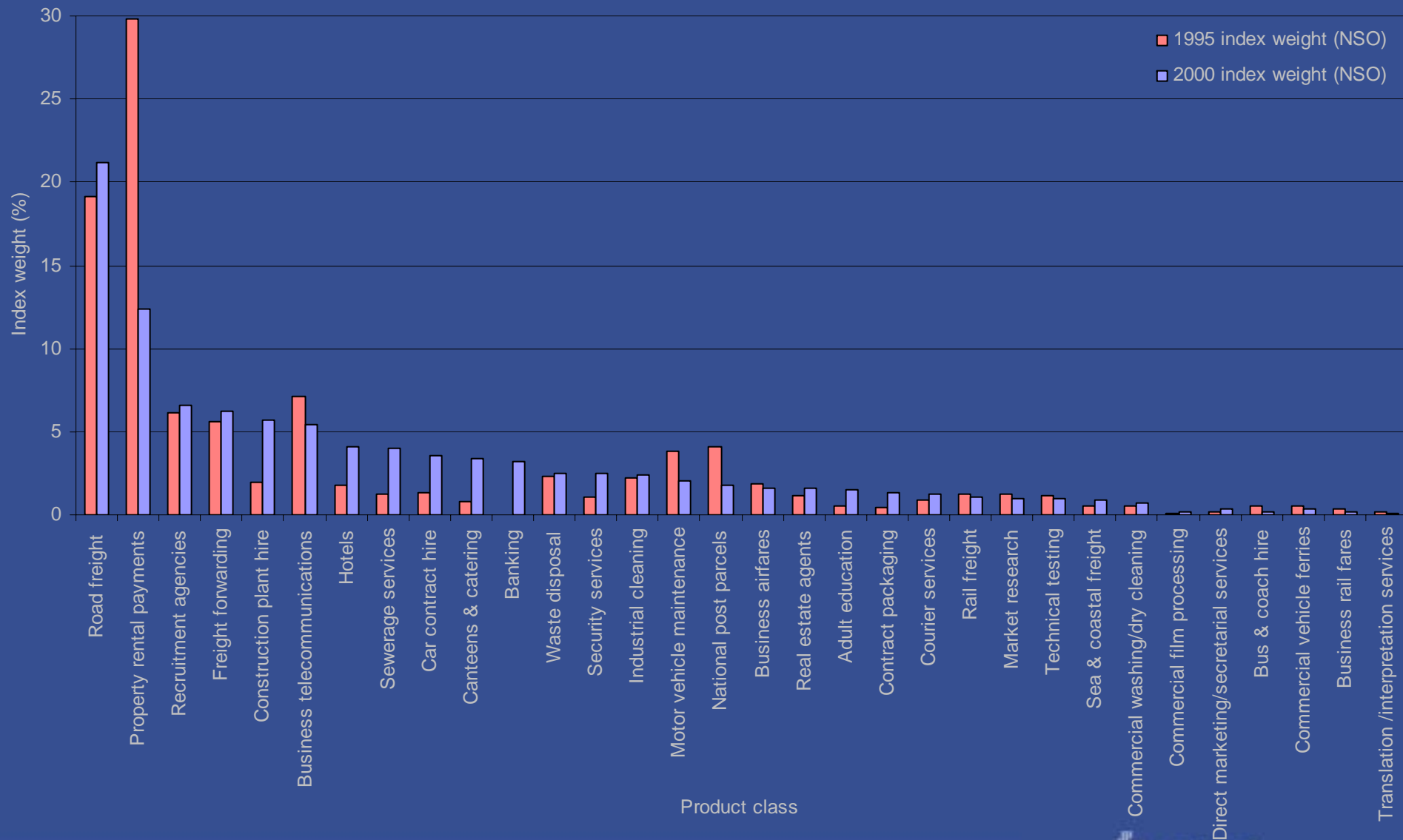
None.

**Suggested Links**

- Experimental statistics
- Price indices
- Corporate services price index



# Product Class Weights within Top-level CSPI



# Top-level CSPI...

**ECONOMY** printer-friendly

**Corporate Services**  
Third successive increase in CSPI annual rate

**Related Links**

- CSPI rebasing
- Guide to the CSPI
- CSPI results
- Experimental statistics
- Measures of inflation

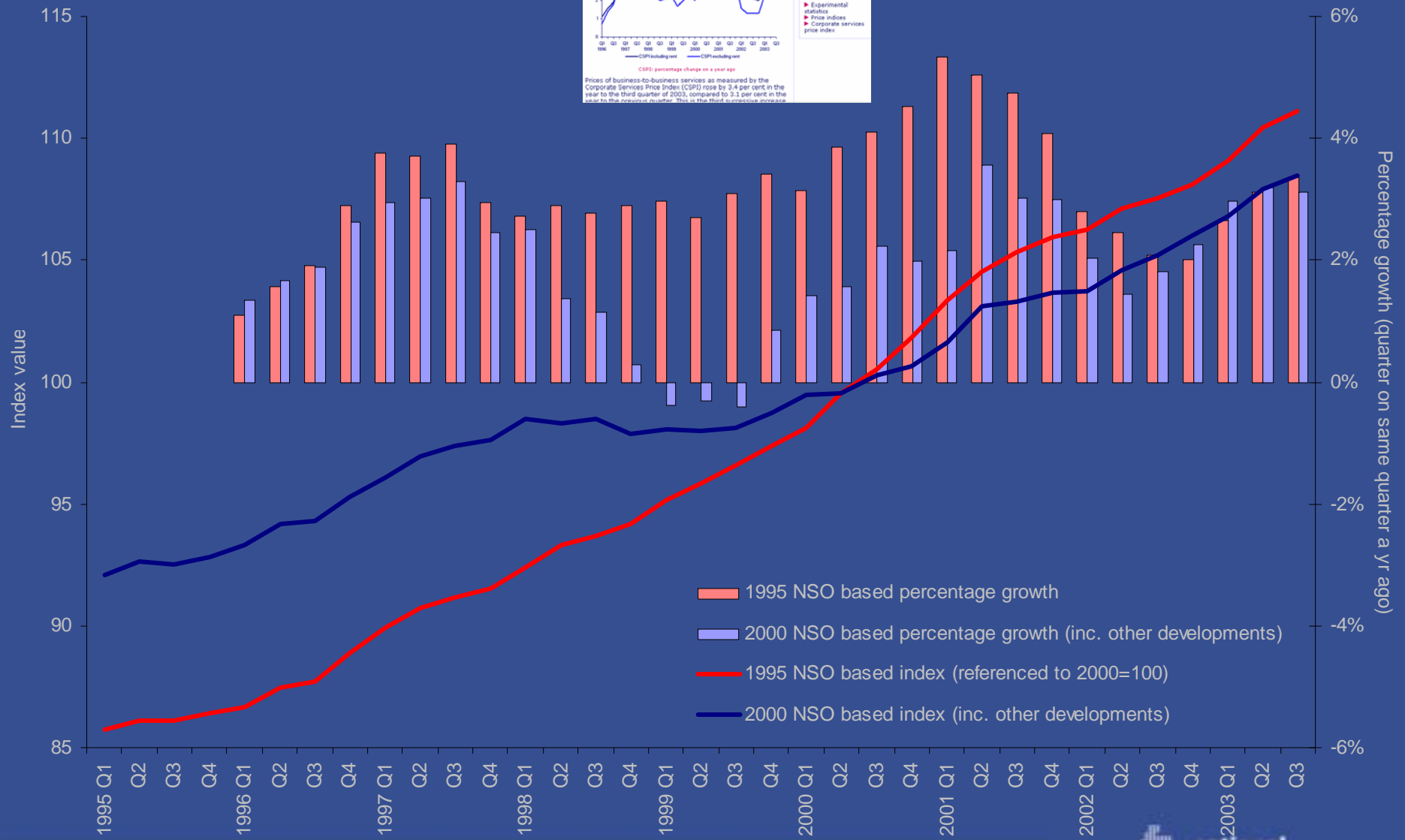
**External Links**

None.

**Suggested Links**

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- Corporate services price index

CSPI percentage change in a year ago  
Prices of business-to-business services as measured by the Corporate Services Price Index (CSPI) rose by 3.4 per cent in the year to the third quarter of 2003, compared to 3.1 per cent in the year to the previous quarter. This is the third successive increase.



# Top-level CSPI...

**ECONOMY** printer-friendly

**Corporate Services**  
Third successive increase in CSPI annual rate

CSPI percentage change in a year ago

Prices of business-to-business services as measured by the Corporate Services Price Index (CSPI) rose by 3.4 per cent in the year to the third quarter of 2003, compared to 3.1 per cent in the year to the previous quarter. This is the third successive increase

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- Measures of inflation

**External Links**

None.

**Suggested Links**

- Experimental statistics
- Price indices
- Corporate services price index

