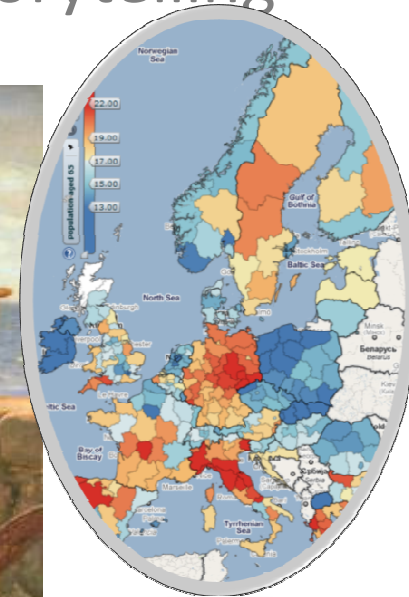


# Analyse, Collaborate and Publish Statistics for Measuring Progress in our Society using Storytelling

**Storytelling by Professor Mikael Jern**



## Agenda

- ❑ Massive statistics data .....Interest for regional development and progress is growing;
- ❑ Geovisual Analytics – what have we learned and adapted from this research domain;
- ❑ Collaborating through Storytelling and Publishing dynamic Visualization in blogs and web pages;
- ❑ Some demonstrations;

# Massive Statistics Temporal Data available on the Web

## But very little methods for sharing knowledge and insight

1	META	CODE	Kommun Namn	döda av alkohol kv	döda av alkohol män	hjärtattack kv	hjärtattack män	död av diabetis kv	död av diabetis män	socialbidragare	medelålder
2	PARSETYPE	S	S	F	F	F	F	F	F	F	F
3	UNIT	na	na	per 100,000 inv	per 100,000 inv	per 100,000 inv	per 100,000 inv	per 100,000 inv	per 100,000 inv	%	%
4	PRECISION	na	na	1	1	1	1	1	1		
5	TIMESTEP	na	2005	2005	2005	2005	2005	2005	2005		
6	0114	Upplands Väsby		13,4	55,3	180,2	251,1	6			
7	0115	Vallentuna		5,4	24,3	114,5	304,3	23			
8	0117	Österåker		12,8	27,4	91,1	257,3	9			
9	0120	Värmdö		18,1	59,7	128,4	320,4	2			
10	0123	Järfälla		12,6	41,4	142,2	280,8	1			
11	0125	Ekerö		12,6	21,2	77,4	223	8			
12	0126	Huddinge		15,1	44	182,8	327,4	11			
13	0127	Botkyrka		19	57	219,2	395,1	17			
14	0128	Salem		7,7	38,1	168,8	275,8	8			
15	0136	Haninge		12,3	58,8	176,5	315,2	16			
16	0138	Tyresö		9,2	42,7	157,1	294,6	19			
17	0139	Upplands-Bro		17,3	61,5	128,2	317	26			
18	0140	Nykvarn		0	62	141,6	283	9			
19	0160	Täby		12,7	22,6	122,2	200	8			

1	META	CODE	Kommun Namn	Total Befol	Total Befol	Total Befol	Medelinkomst	Medelinkomst	Medelinkomst	Ekonomiskt bistånd	Ekonomiskt	Ekonomiskt
2	UNIT	NA	na	personer	personer	personer	tkr	tkr	tkr	%	%	%
3	PARSETYPE	S	S	F	F	F	F	F	F	F	F	F
4	PRECISION	na	na	0	0	0	1	1	1	2	2	2
5	SLICE	na	na	2005	2006	2007	2005	2006	2007	2005	2006	2007
6	0114	Upplands Väsby		37624	37848	38055	243,6	249,6	259	4,1	4	4
7	0115	Vallentuna		27397	27868	28382	259,4	267,6	280,5	1,9	1,9	1,7
8	0117	Österåker		37336	37879	38286	265	274,1	284,8	2,3	1,9	1,7
9	0120	Värmdö		34933	35803	36870	263,4	272,3	285,2	2,7	2,3	2,3
10	0123	Järfälla		61743	62342	63427	253,5	260,1	268,8	4,2	4,3	4,1
11	0125	Ekerö		24010	24301	24687	285,3	293,5	307,6	2,2	2,2	2
12	0126	Huddinge		88750	90182	91827	241,3	246,9	256,3	5	4,7	4,5
13	0127	Botkyrka		76592	77553	79031	205,6	210	217,3	5	4,8	4,6
14	0128	Salem		14334	14715	15065	262,3	268,6	279,7	2,6	2,5	2,6
15	0136	Haninge		71837	72956	73698	229,3	234,9	242,5	4,7	4,5	4
16	0138	Tyresö		41134	41476	42047	262,3	271,6	283,9	2,6	2,4	2
17	0139	Upplands-Bro		21327	21638	22221	235,8	241,7	252	5,3	5,2	4,8
18	0140	Nykvarn		8354	8609	8926	262,6	271,1	285,6	1,8	1,4	2,4
19	0160	Täby		60594	61006	61633	317,6	329,6	348,1	1,5	1,3	1,3
20	0162	Danderyd		30226	30492	30789	391,8	411,4	439,6	0,8	0,8	0,9
21	0163	Sollentuna		59355	60528	61387	289,4	299,4	314,6	2,7	2,5	2,4
22	0180											5
23	0181											10,1
24	0182											2,9
25	0183											3,7
26	0184											2



Navigation: ABOUT | DATA | RESEARCH | LEARNING | NEWS | PF

## Data

Countries | Topics | Indicators | Data Catalog

This page in English | Español | Français | العربية

## Indicators

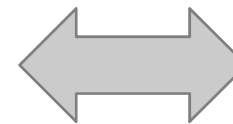
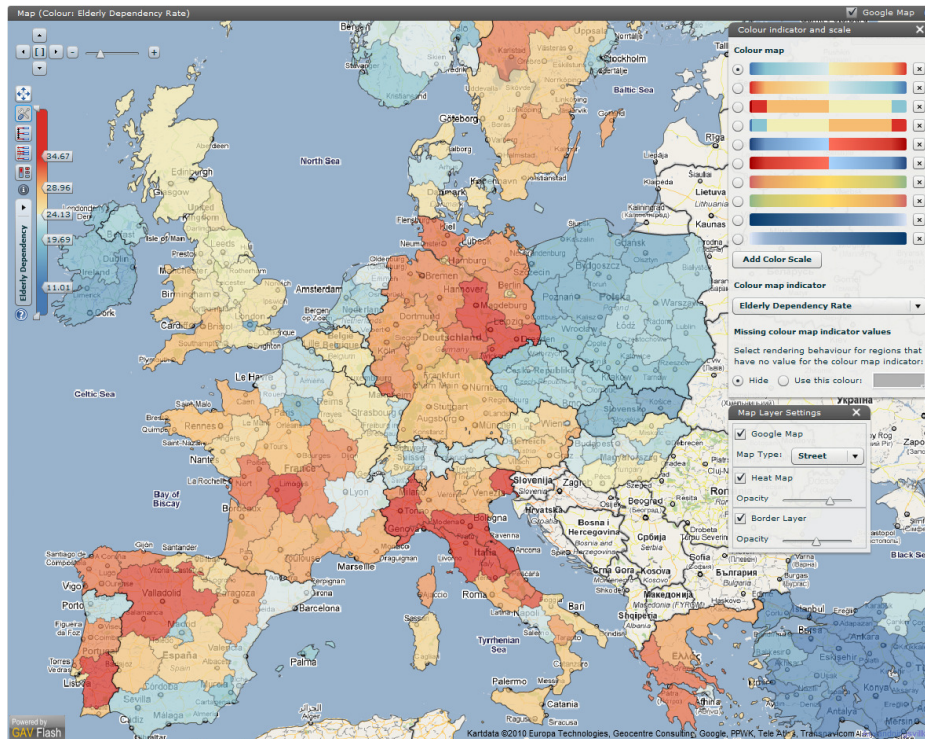
Below are 339 indicators which are subsets of the World Development Indicators (WDI) covering 209 countries from 1960 to 2008 translated into Spanish, French and Arabic. To access the full WDI, visit the World DataBank.

## Why is Storytelling about Statistics important?

- ❑ Tell a story about a region's development over time and shape the measure of economic growth and well-being;
- ❑ Discoveries that engagingly draw us into reflections about the knowledge on how life is lived - and can be improved;
- ❑ Invite the reader to dynamically participate in this visual statistics discovery process;
- ❑ Help advancing research critical to the collaboration and dissemination of official statistics by means of advanced web-enabled tools;

# Explore, Collaborate and Publish Official Statistics

## Integrate dynamic visualization with Storytelling

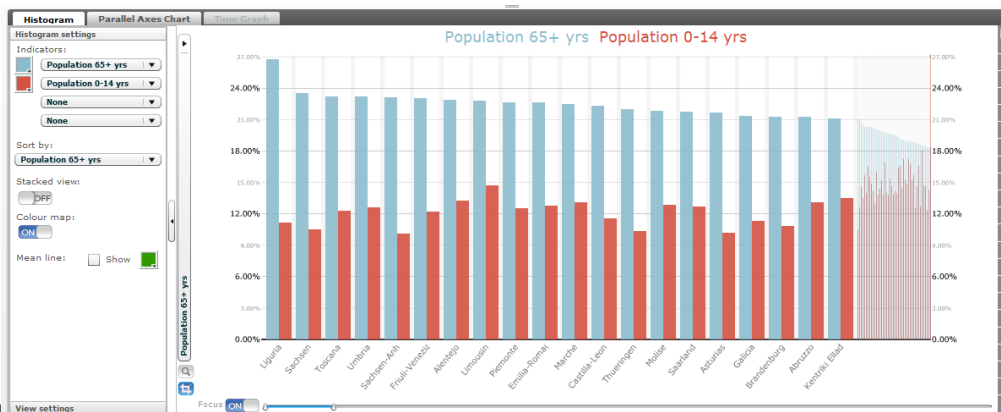


### Ageing population in Europe 1990-2008

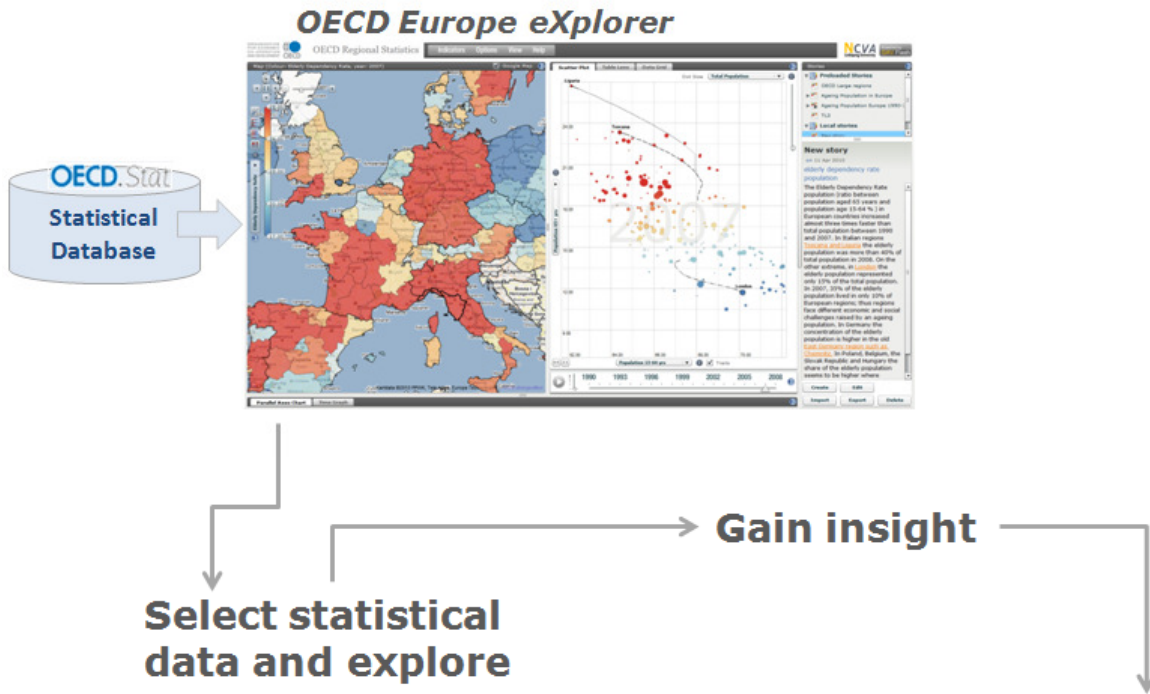
by Mikael Jern, NCVA on 11 Apr 2010

#### elderly dependency rate population

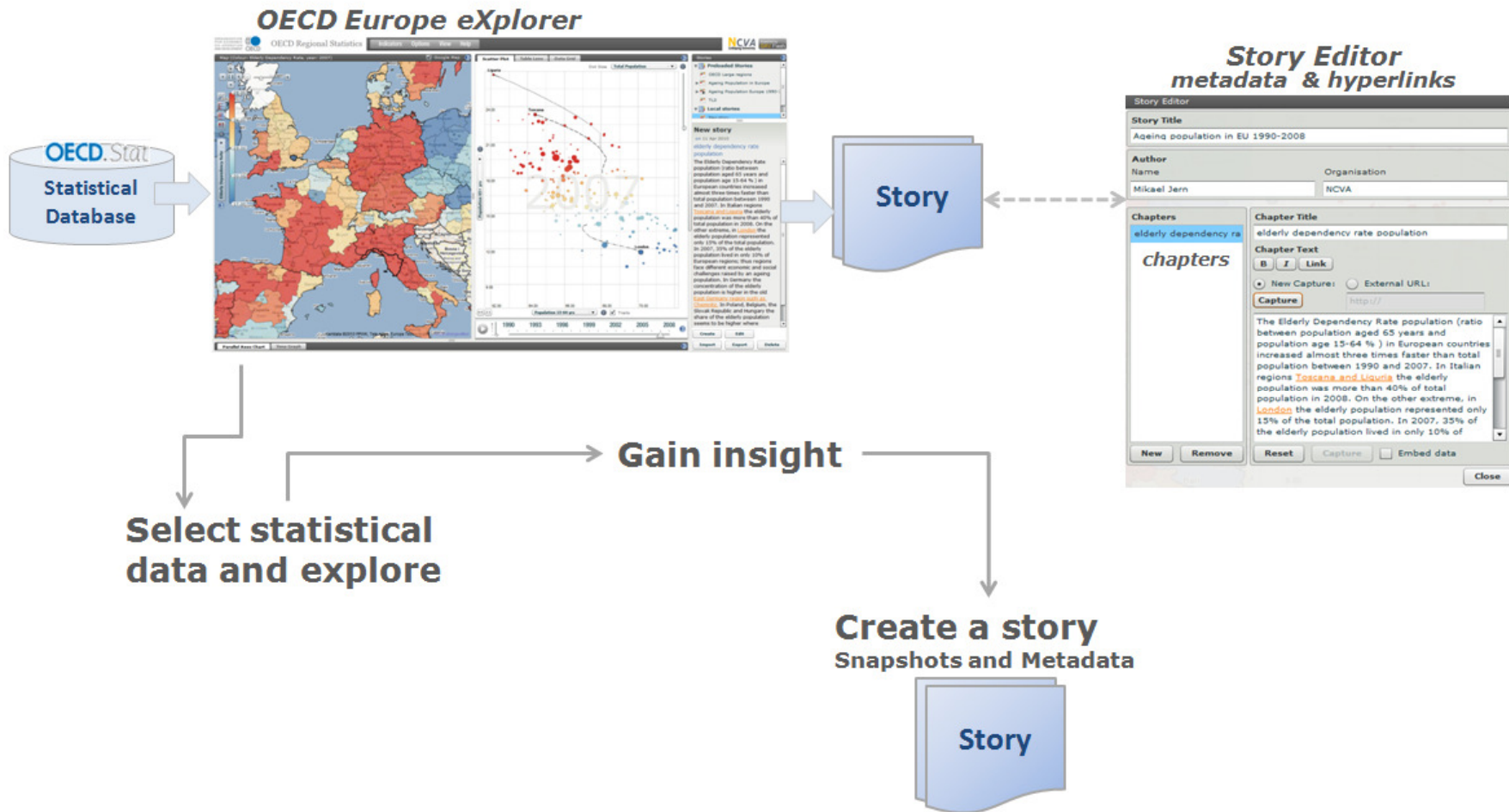
The Elderly Dependency Rate population (ratio between population aged 65 years and population age 15-64 %) in European countries increased almost three times faster than total population between 1990 and 2007. In Italian regions **Toscana** and **Liguria** the elderly population was more than 40% of total population in 2008. On the other extreme, in **London** the elderly population represented only 15% of the total population. In 2007, 35% of the elderly population lived in only 10% of European regions; thus regions face different economic and social challenges raised by an ageing population. In Germany the concentration of the elderly population is higher in the old **East Germany region such as Chemnitz**. In Poland, Belgium, the Slovak Republic and Hungary the share of the elderly population seems to be higher where population is more concentrated, generally in urban regions.



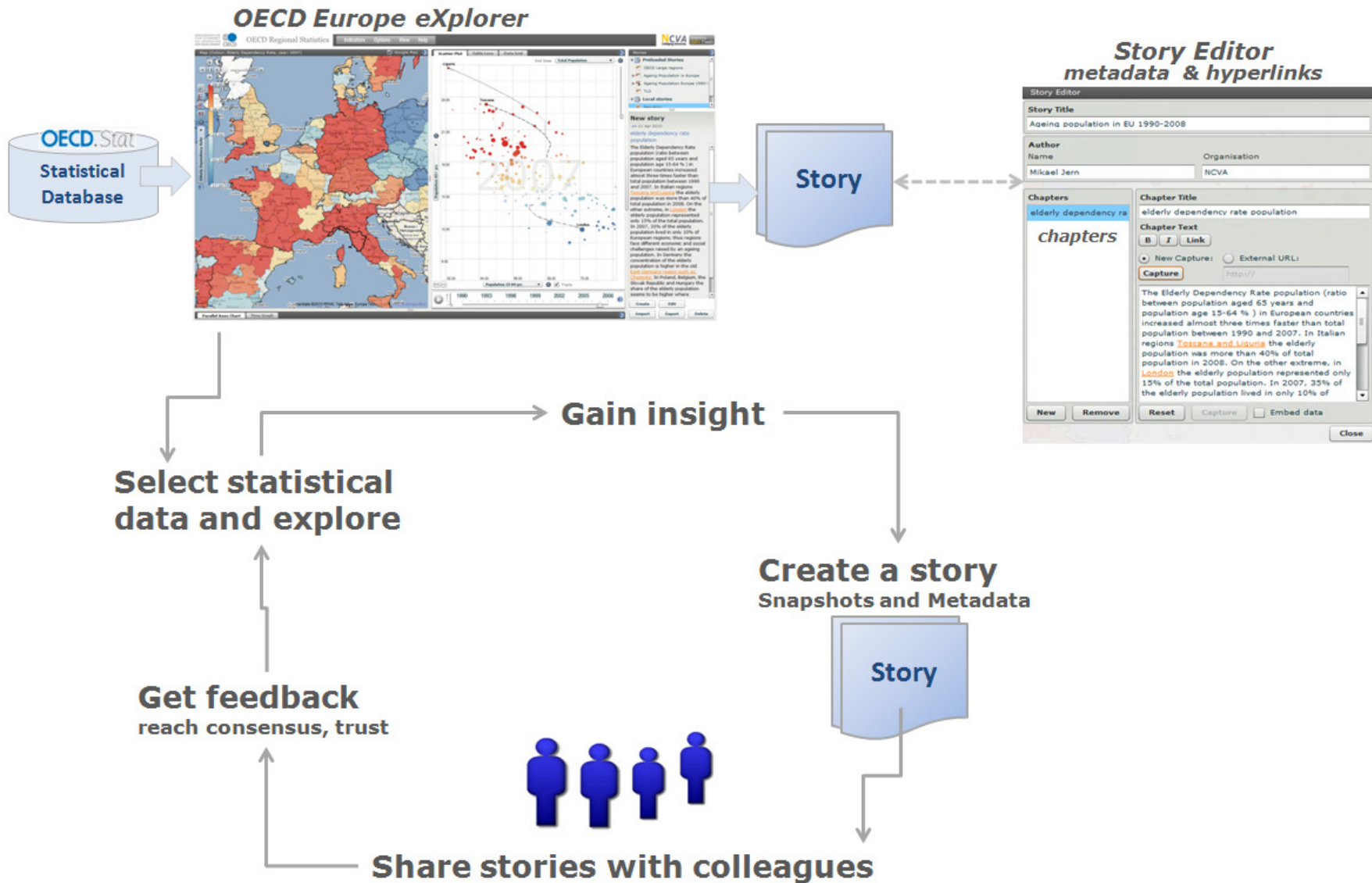
# The Storytelling Loop



# The Storytelling Loop



# The Storytelling Loop





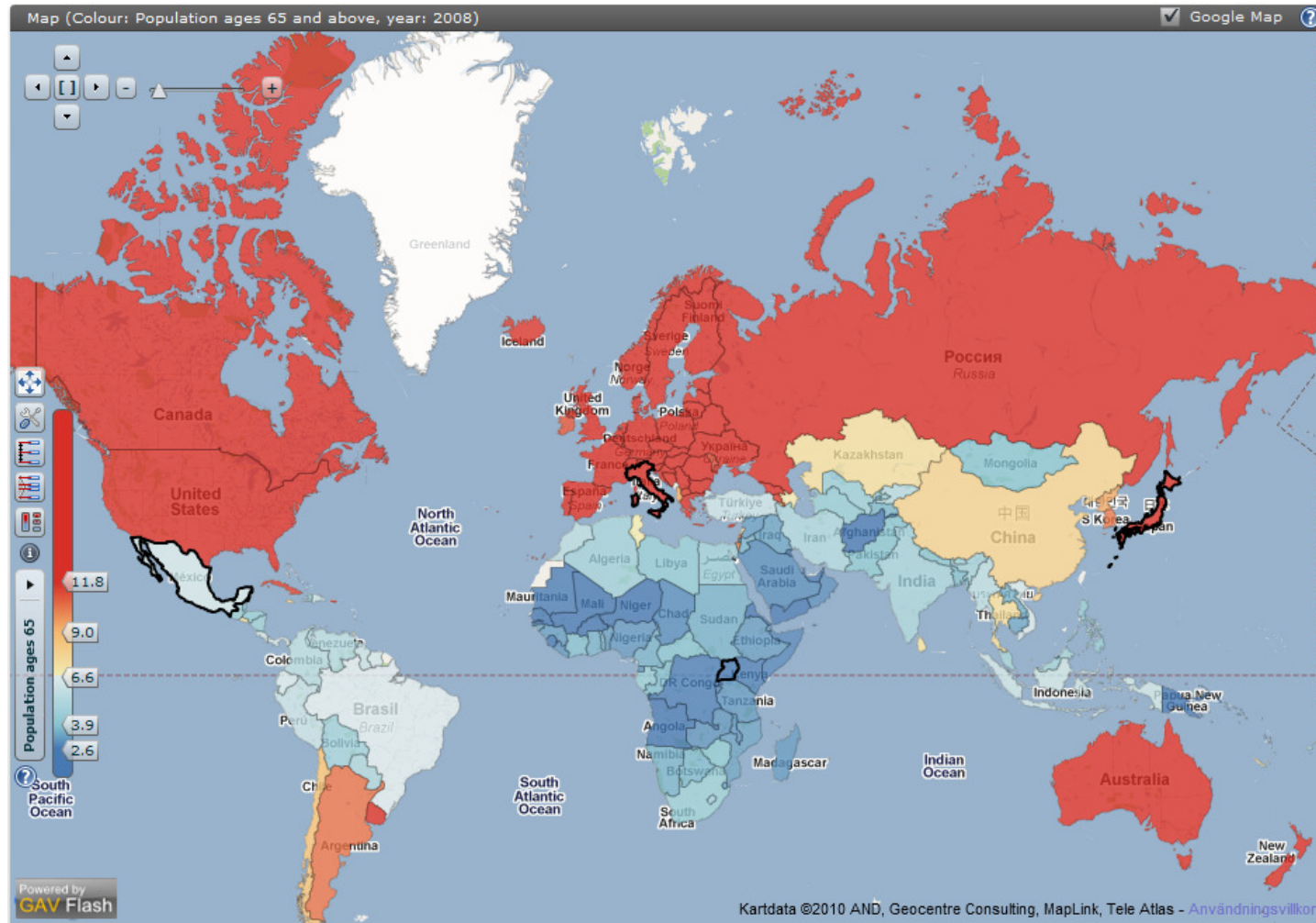
# The Storytelling Loop

two levels of collaborations

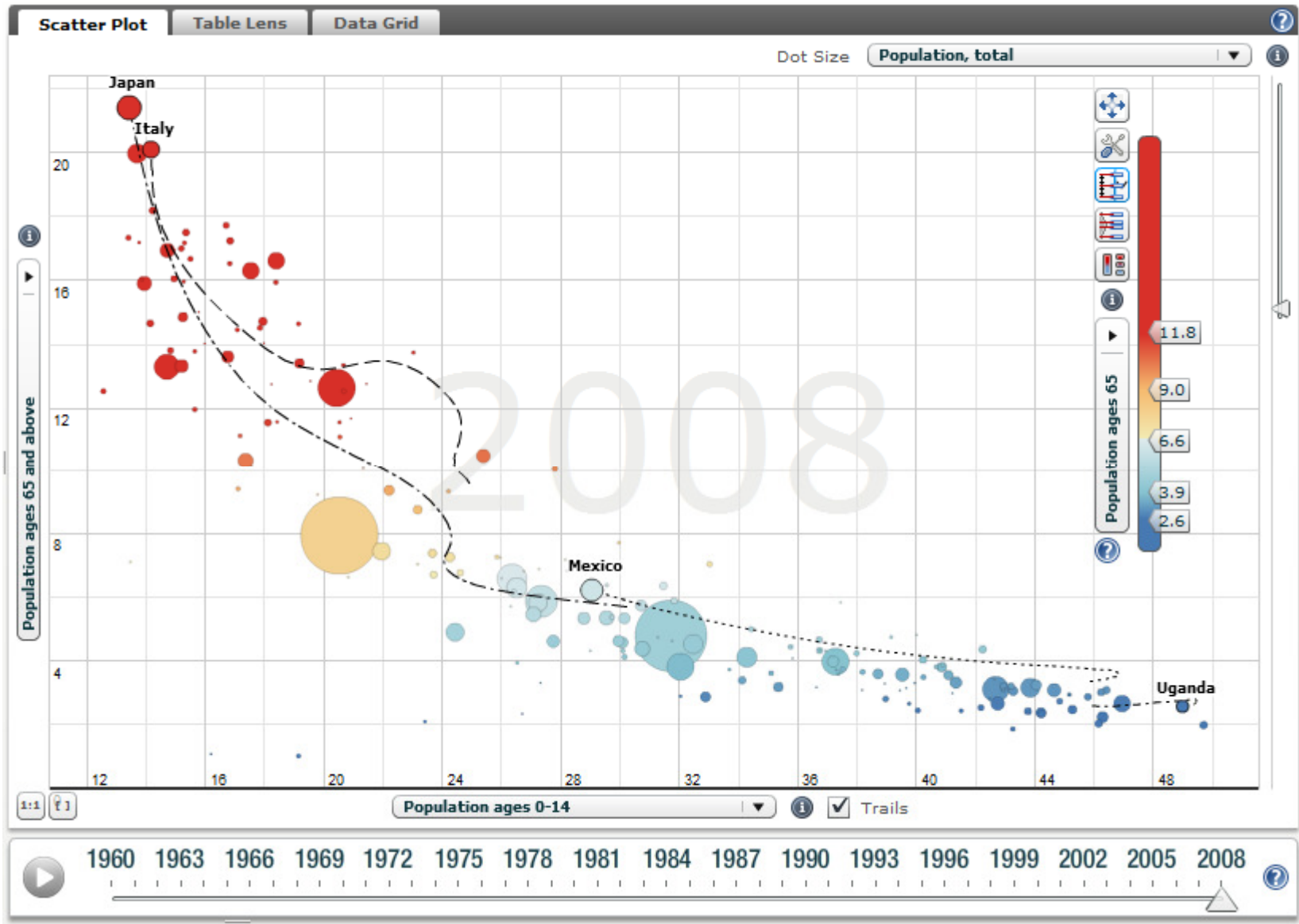


# Tell a story about ageing population in the world 1960-2008

## Sweden, Germany, Japan and Uganda



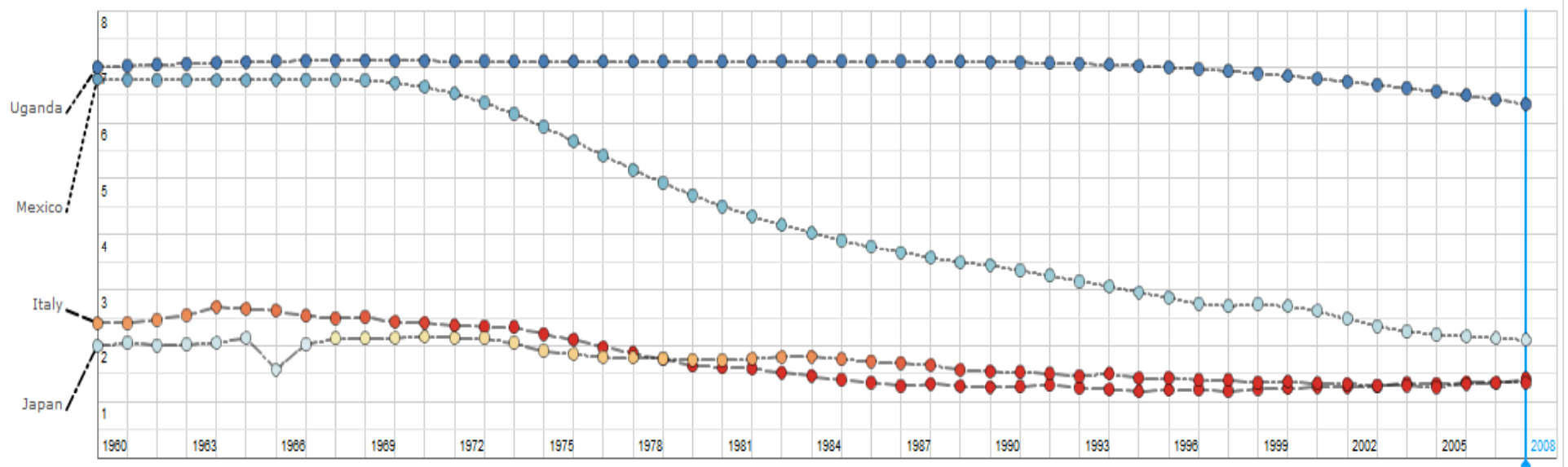
# Tell a story about ageing population in the world 1960-2008



Time

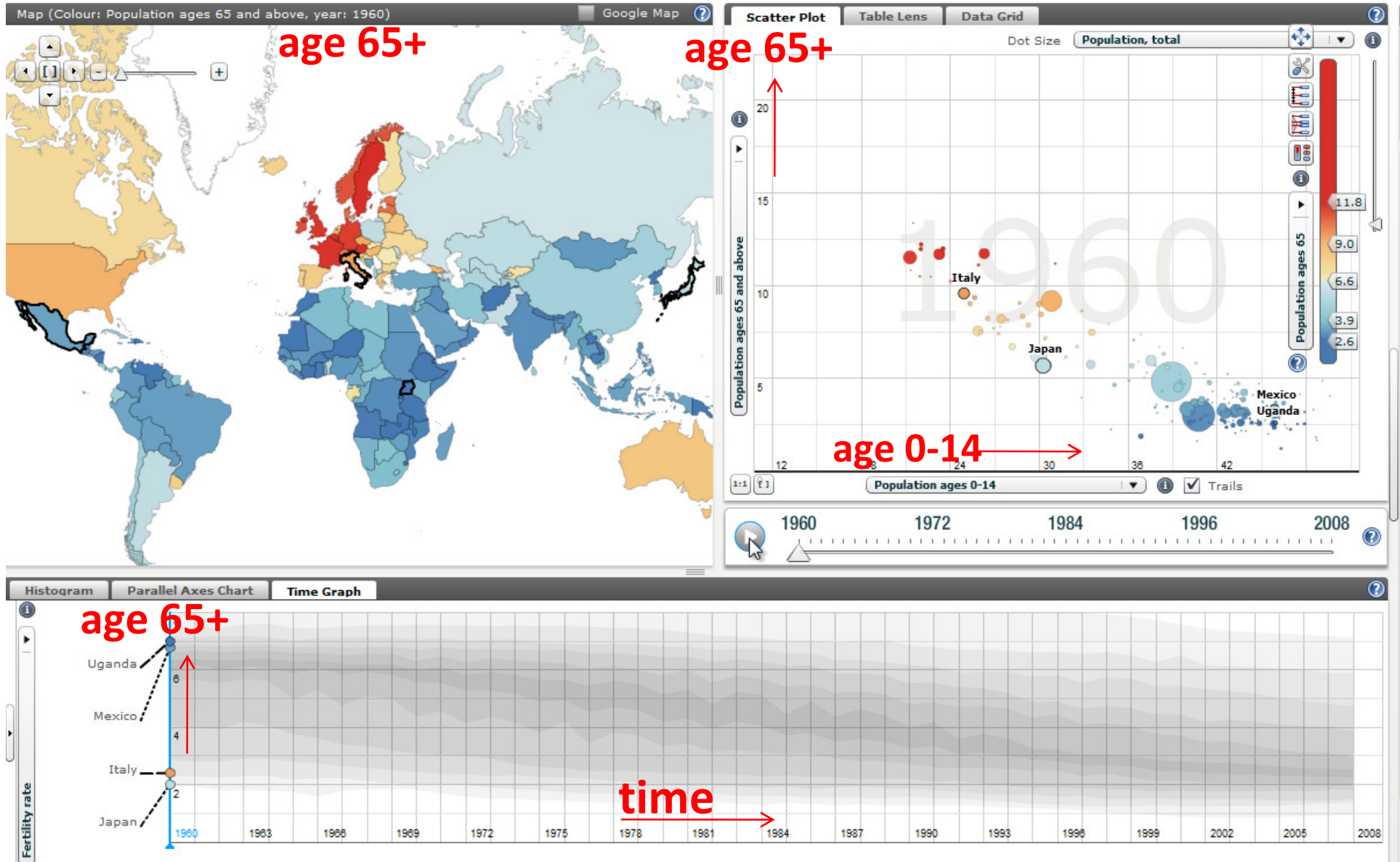
# Tell a story about ageing population in the world 1960-2008

## Sweden, Germany, Japan and Uganda



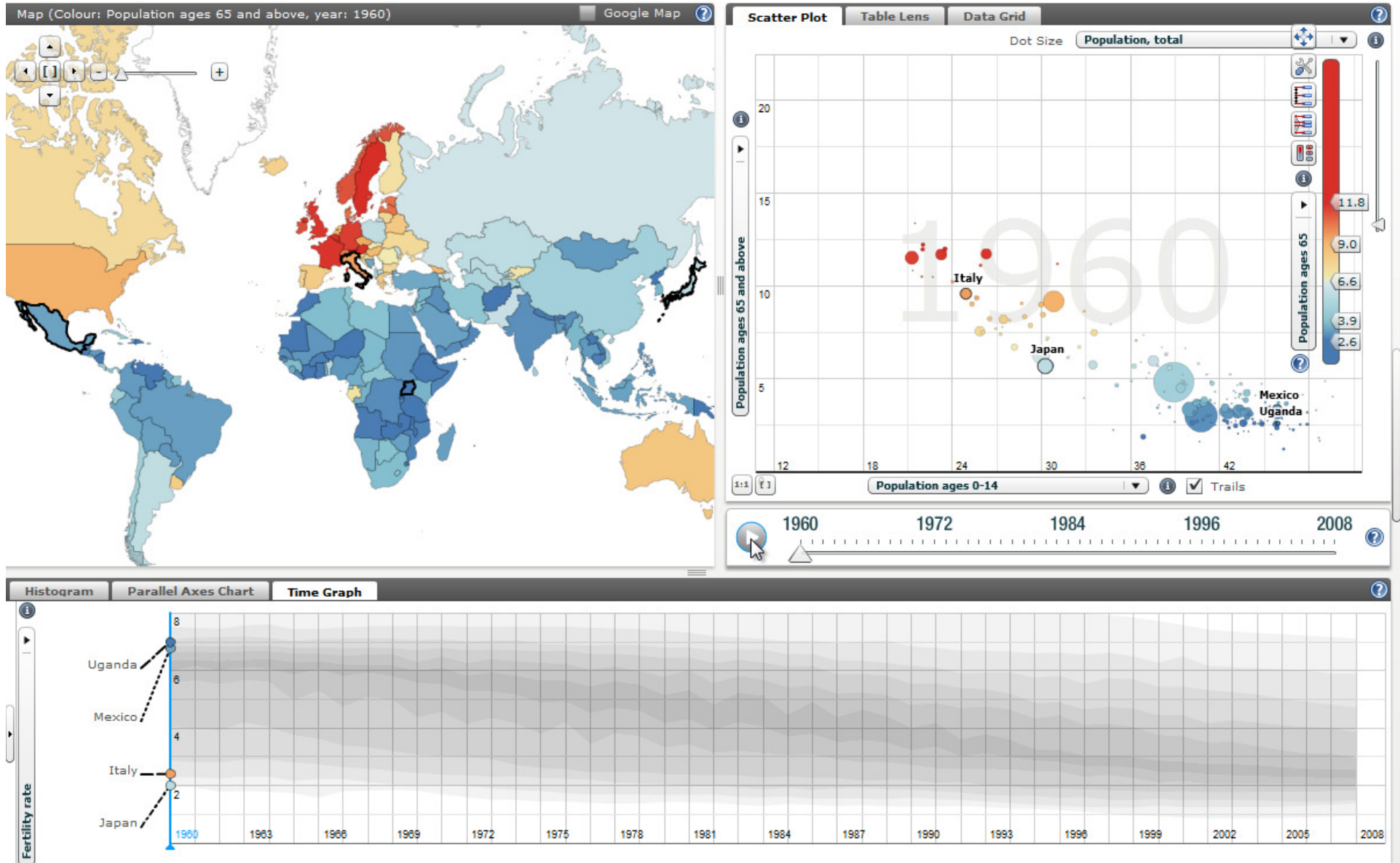
# Tell a story about ageing population in the world 1960-2008

## Sweden, Germany, Japan and Uganda



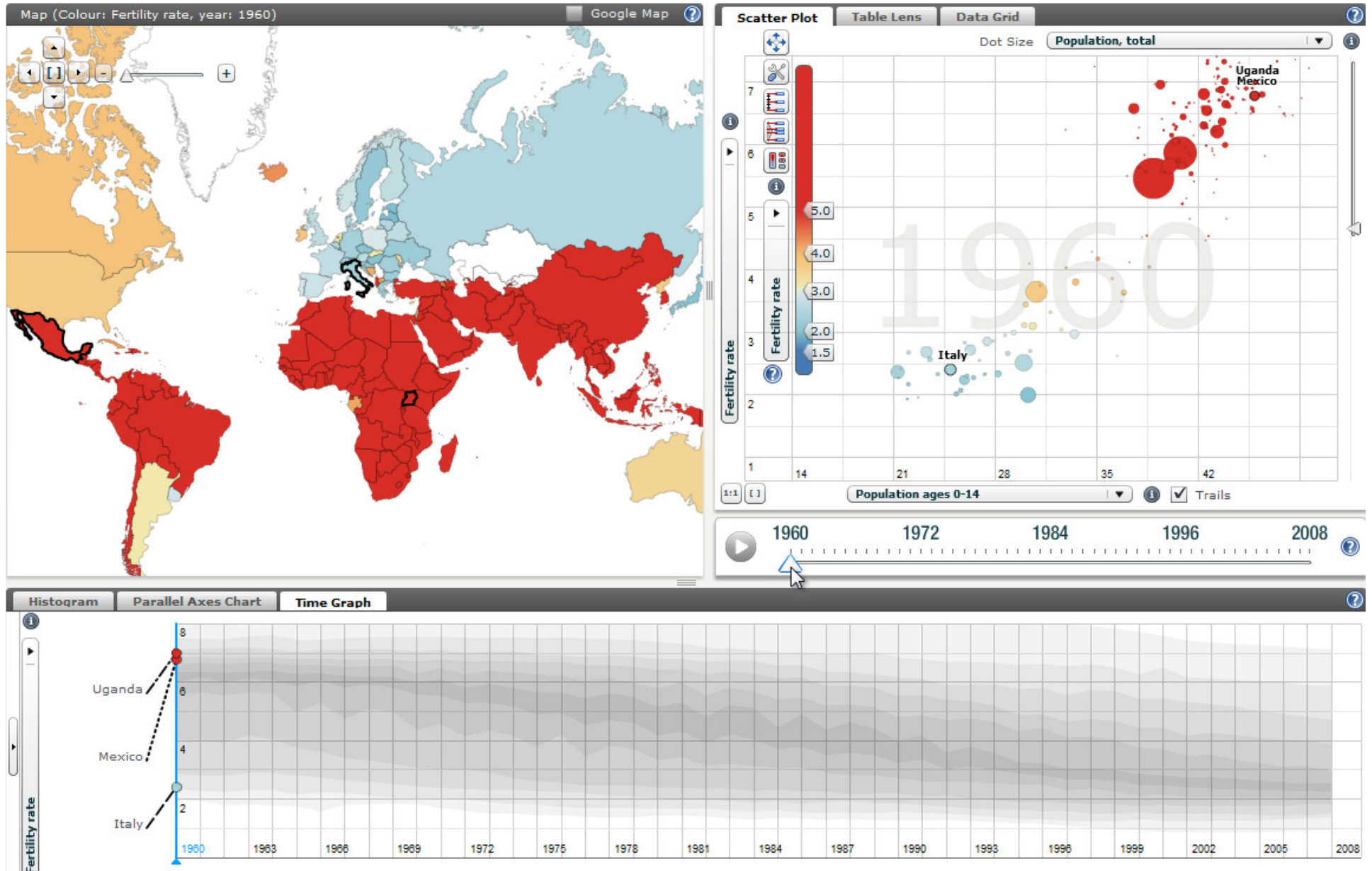
# Tell a story about ageing population in the world 1960-2008

## Sweden, Germany, Japan and Uganda



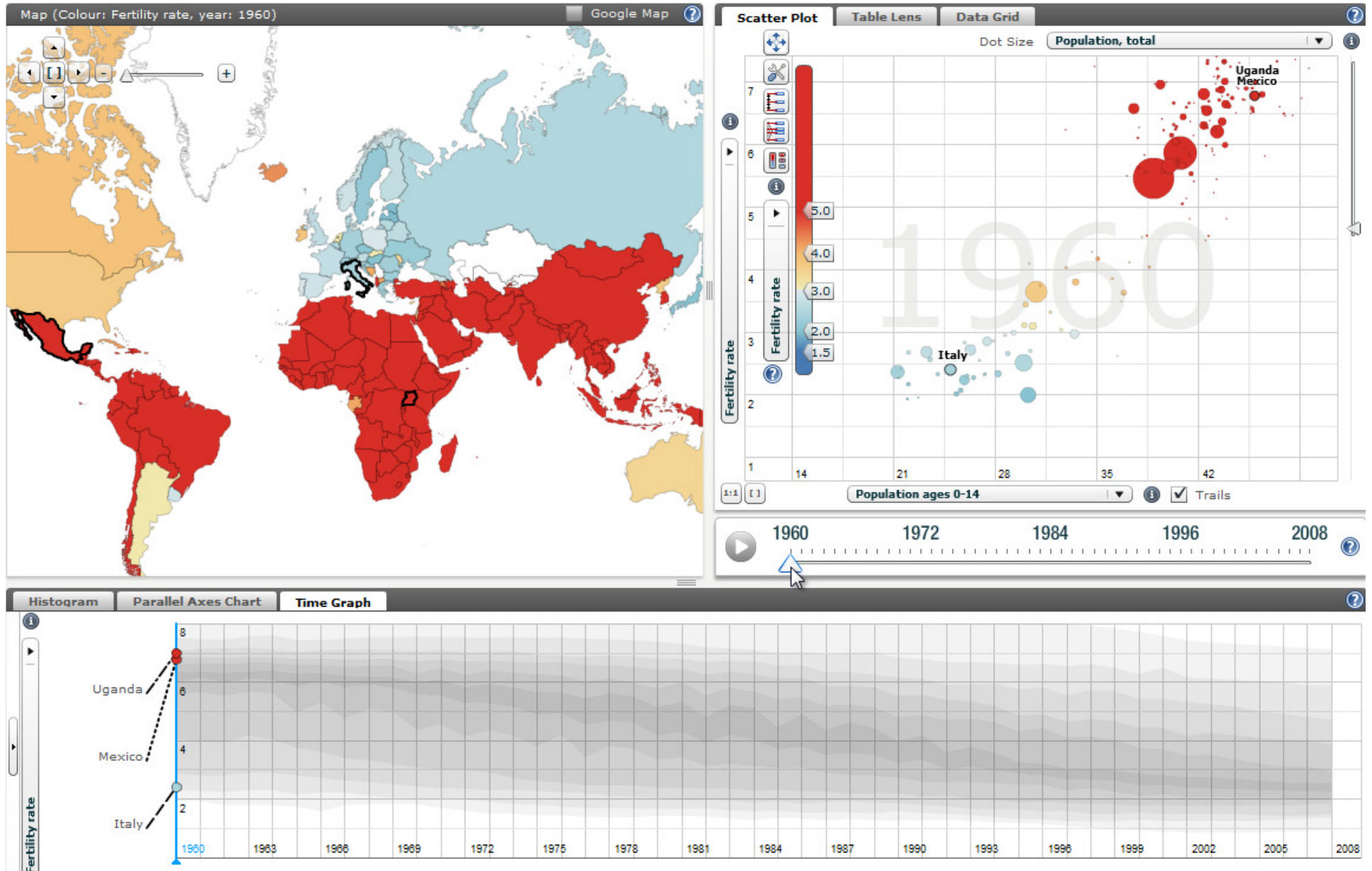
# A story about fertility rate during 1960-2008

## Uganda, Mexico and Italy



# A story about fertility rate during 1960-2008

## Uganda, Mexico and Italy





# Statistics eXplorer is based on Adobe Flash

Requirement by the statistics community

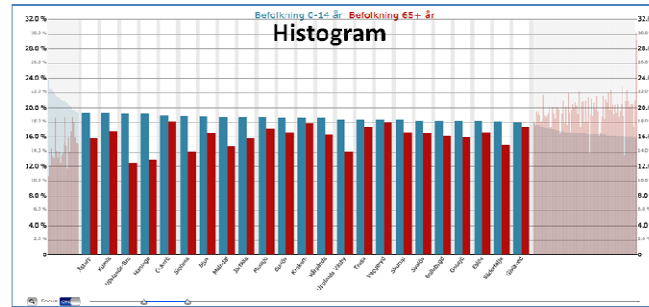
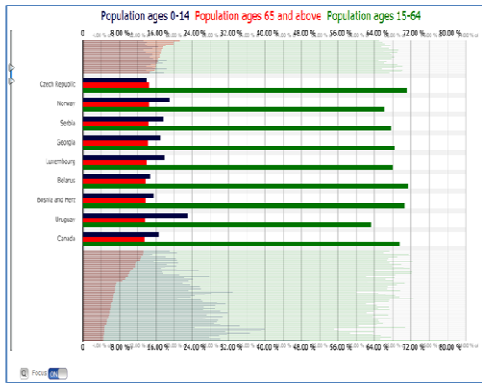
- ❑ **Web 2.0** compliant **explorative, communicative** and **collaborative** dynamic statistical visualization;
- ❑ Visualization tools are developed and optimized for the Adobe<sup>©</sup> ActionScript for Flash 10 and Flex 3 platform;
- ❑ Explore **large spatio-temporal** and **multidimensional** statistics data;
- ❑ Publish statistics knowledge and insight through **Storytelling**;



# Time-linked views for multidimensional statistics data

## See data simultaneously in different views

Histogram



Scatter Plot

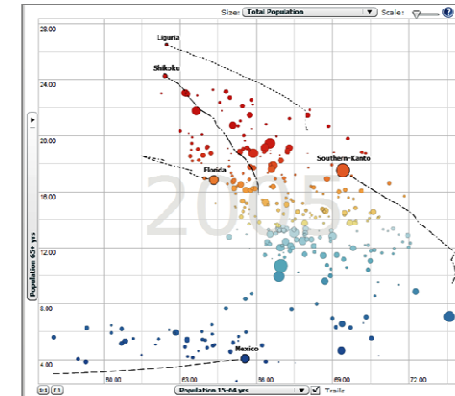
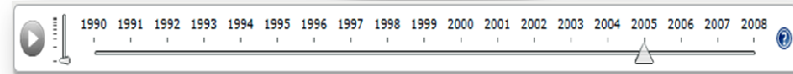
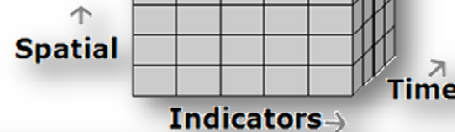
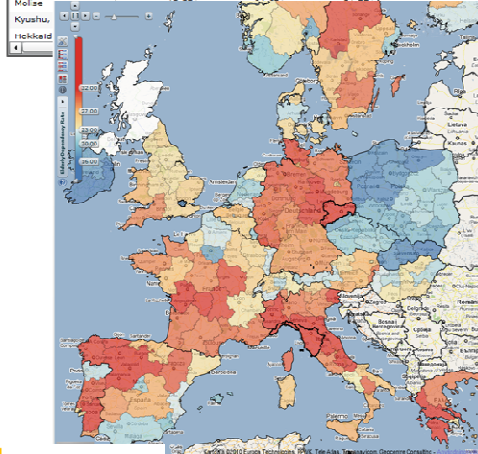


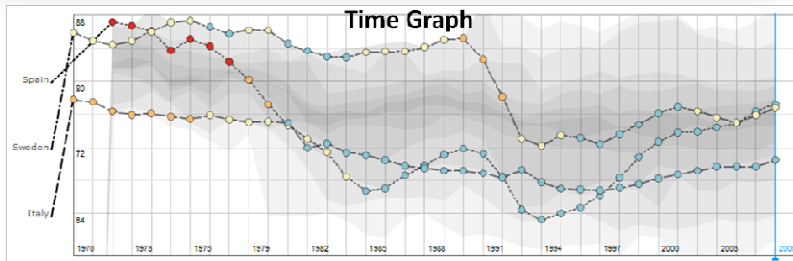
Table Grid

Name	Population 0-14	Population 15-64	Population 65+
Liguria	11.02	62.46	26.51
Dalhousie	10.91	62.11	21.00
Umbria	12.43	64.30	23.26
Toscana	12.04	64.81	23.15
Tohoku	13.74	63.24	23.03
Chugoku	13.78	63.17	23.05
Limousin	14.70	62.26	23.03
Hokuriku	12.72	62.21	22.99
Aleantejo	13.43	63.02	22.00
Emilia-Romagna	12.33	64.96	22.72
Castilla y Leon	11.63	65.81	22.56
Marna	11.04	64.77	22.34
Friuli-Venezia Giulia	11.92	65.86	22.22
Diamanta	12.42	65.46	22.12
Principado de Asturias			21.00
Molise			
Kyushu			
Trondheim			

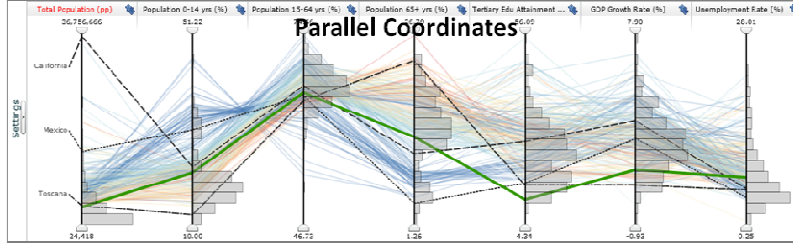
Choropleth Map



Time Graph



Parallel Coordinates



Glyphs – pie charts

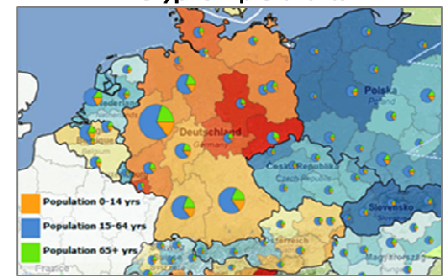
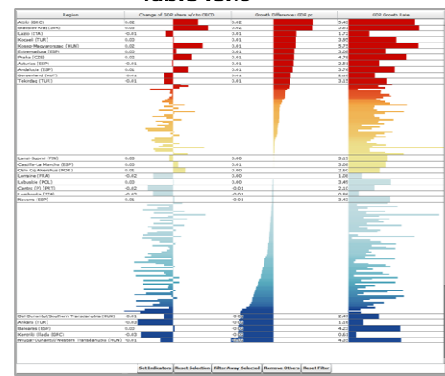
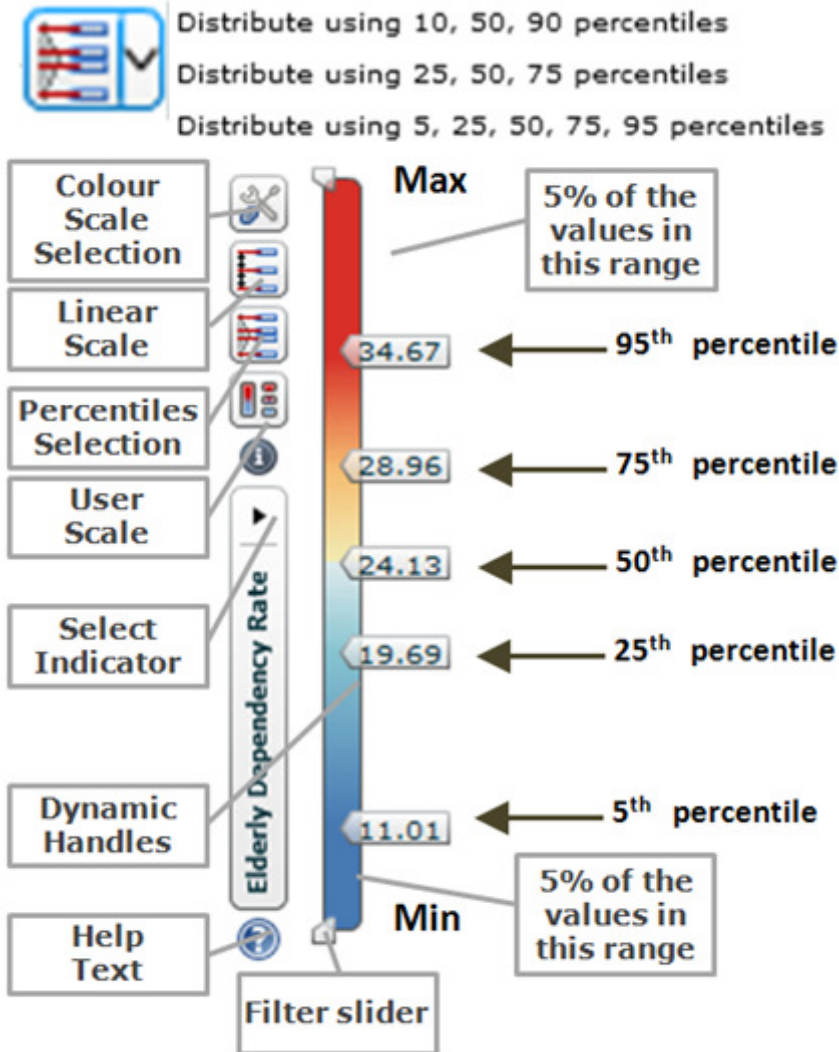


Table lens

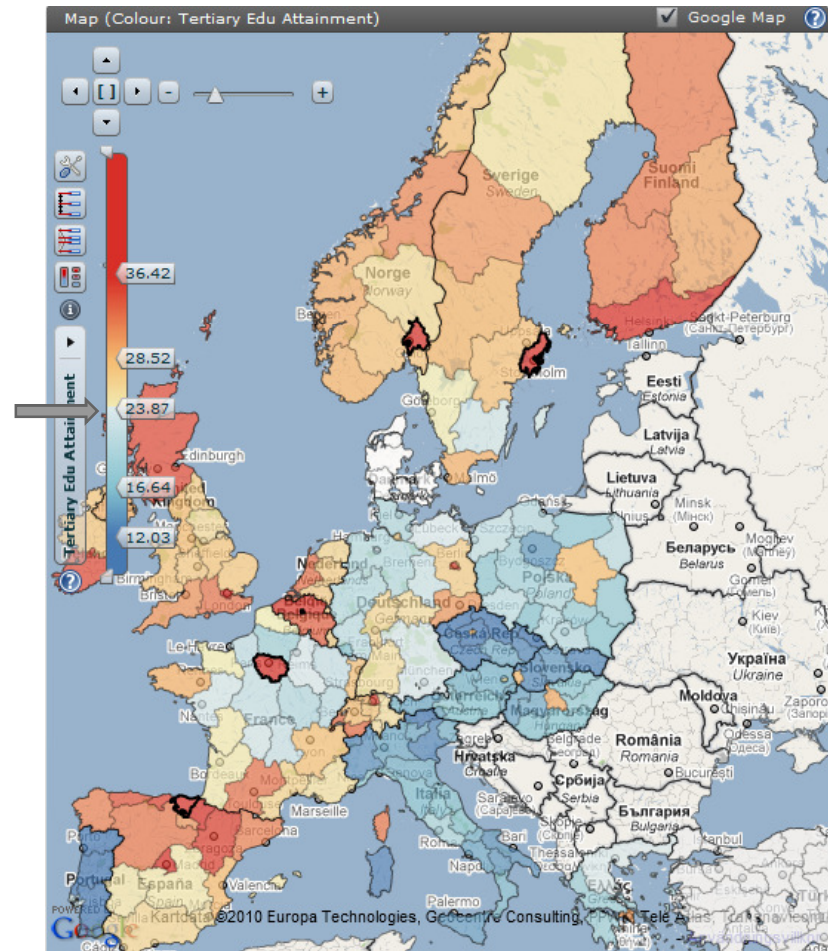


# Dynamic Colour Legend

facilitating statistical methods for class value calculations and scientifically tested perceptual acceptance of colour scales and a filter mechanism attached to legend;

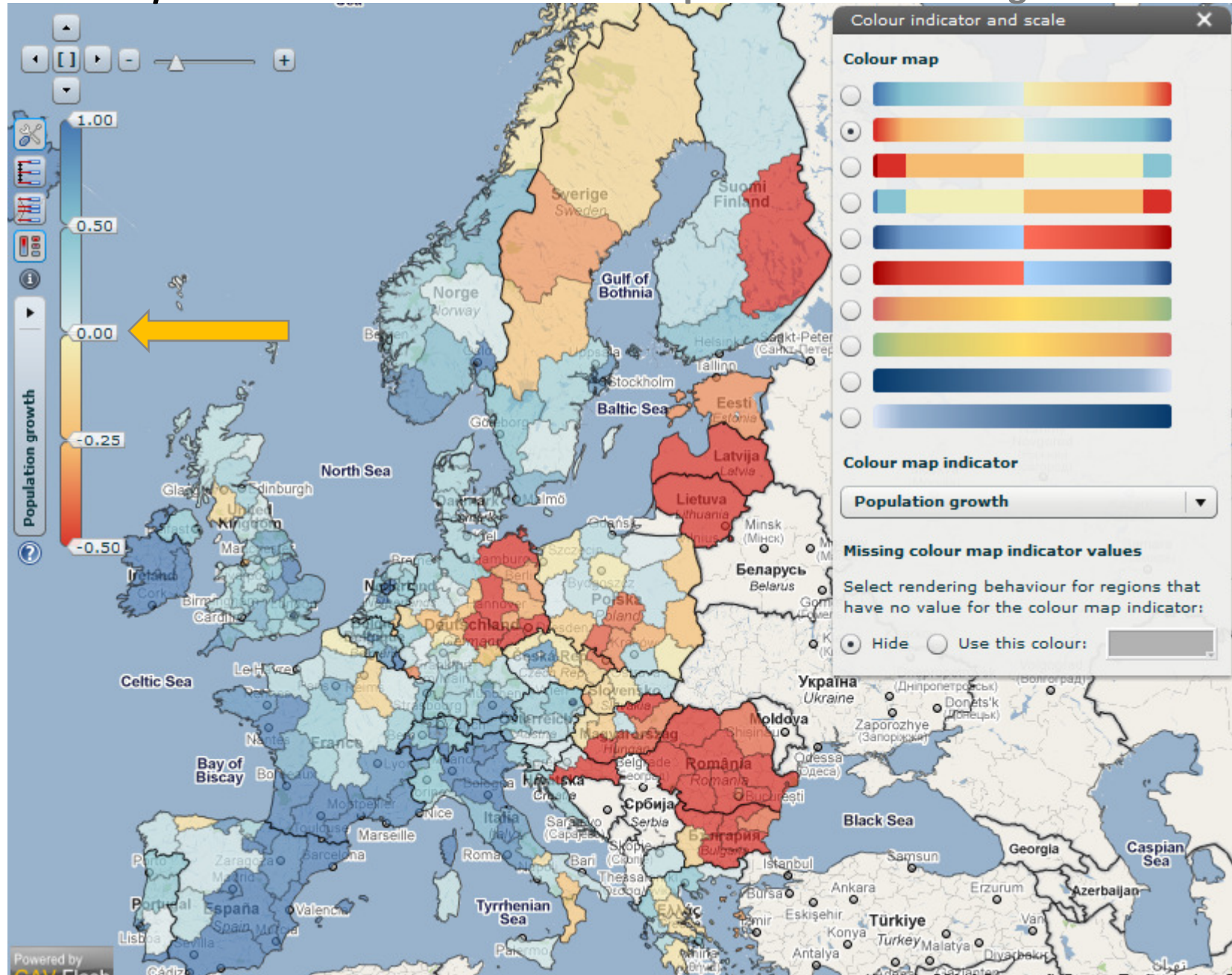


## High level education



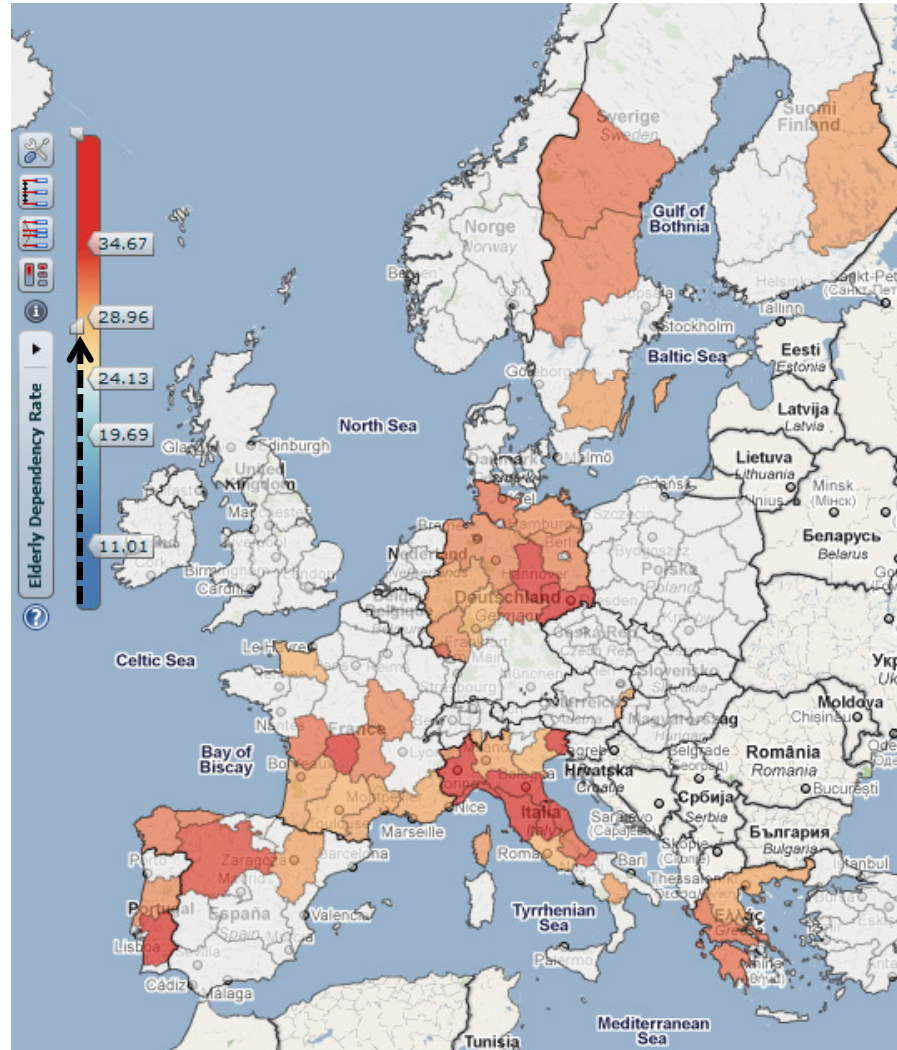
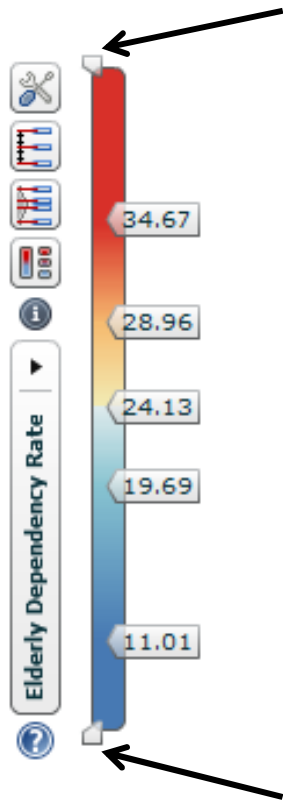
# Divergent Colour Scale

"Population Growth Rate" - Blue is positive and Red negative



# Dynamic Filter Mechanism attached to Legend

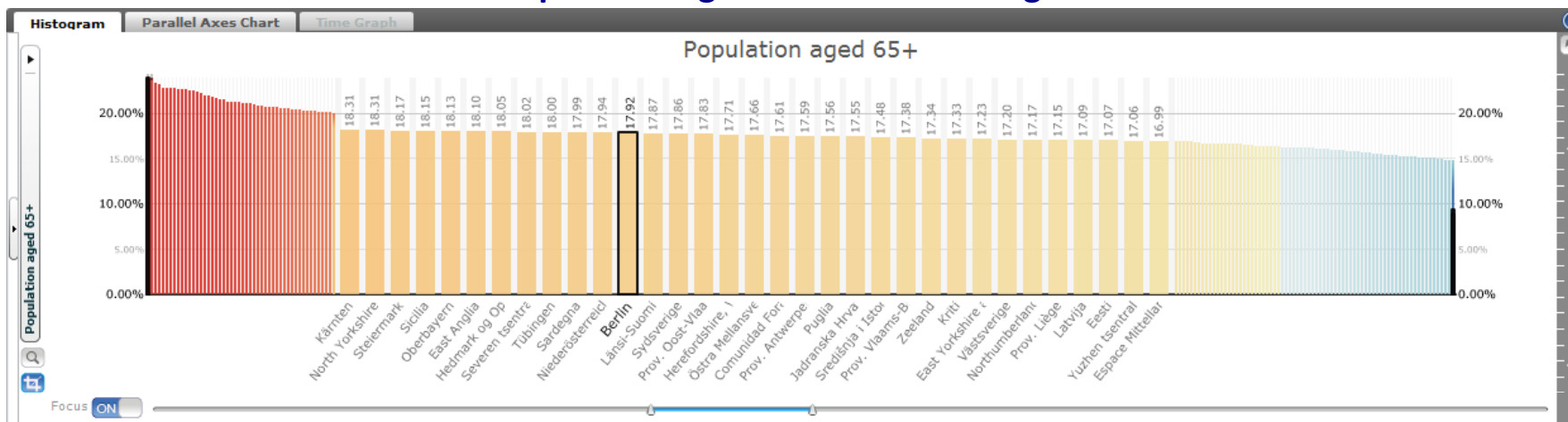
regions with *elderly dependency above 90<sup>th</sup> percentile*



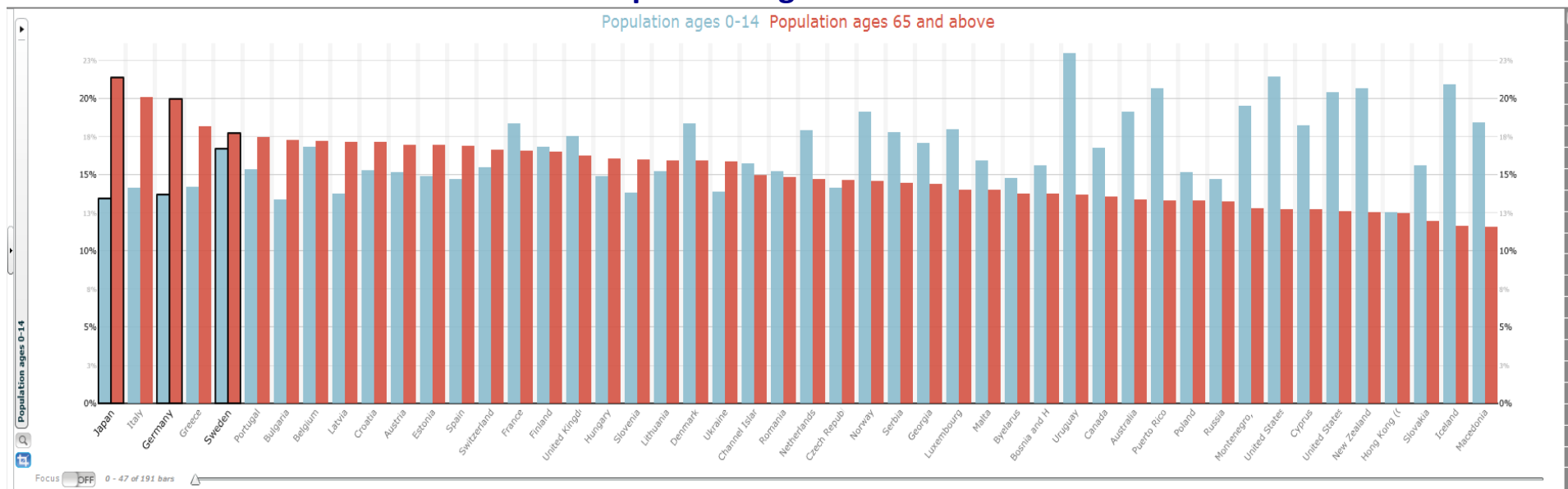
# Introduce InfoVis technique to the statistics community

## dynamic histogram based on Focus & Context technique

Population aged 65+ OECD TL2 regions



Population aged 65+ countries



## Geovisual Analytics Reasoning Process

- ❑ **Gather information and data**

Tasks to be answered?

- ❑ **Visual representation**

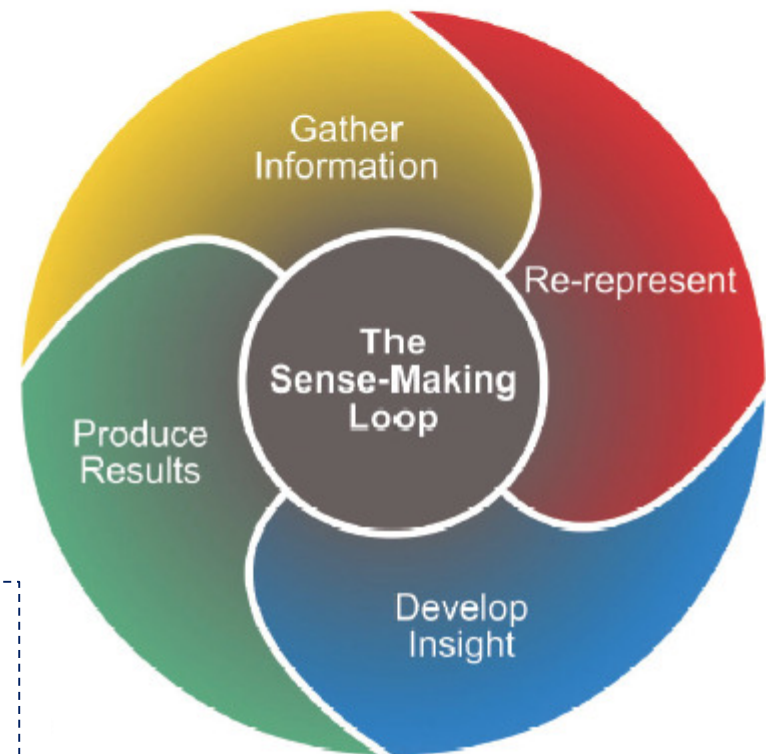
Choose visual forms that aid analysis;

- ❑ **Develop insight**

Through exploration and dynamic visual inquiries;

- ❑ **Share insight and knowledge**

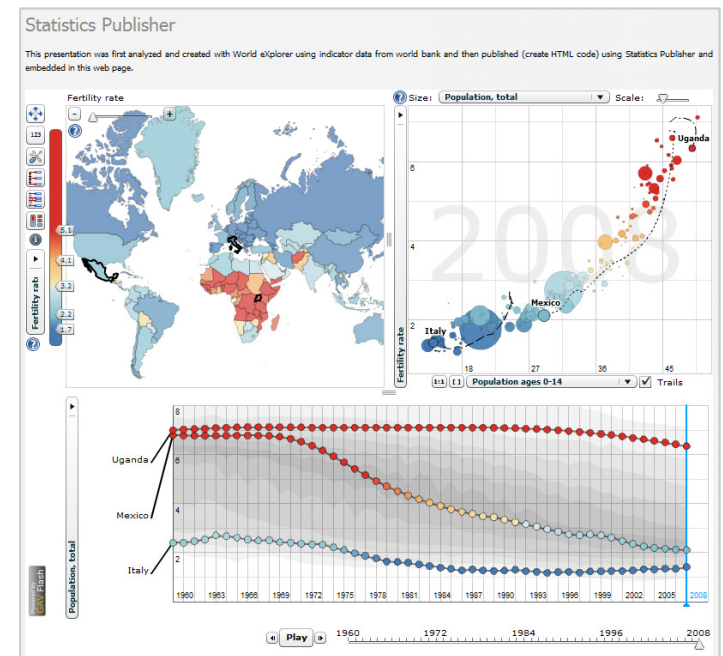
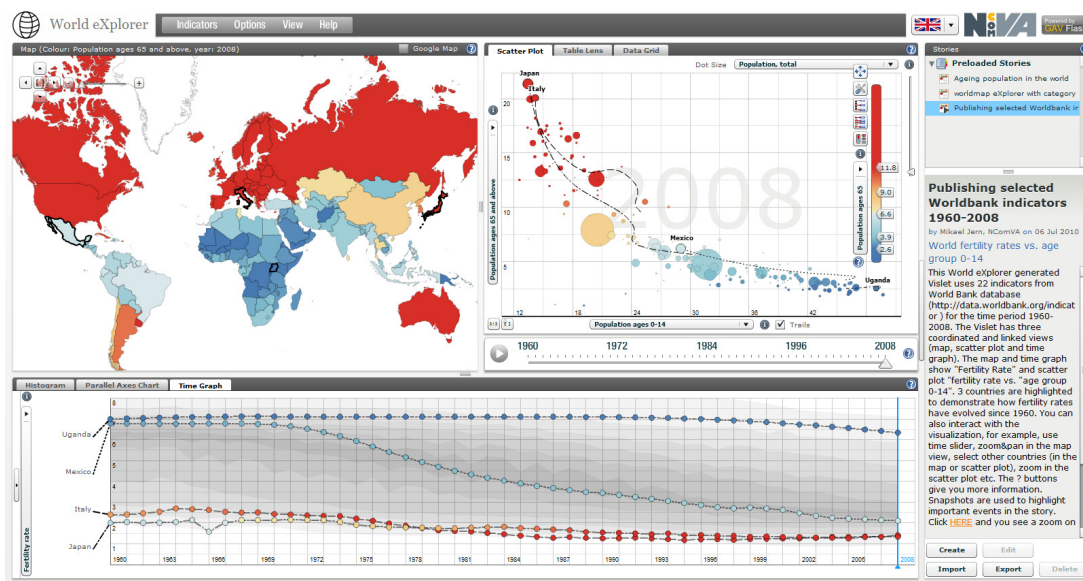
Collaboration , Storytelling and Publishing;



# Collaborative Statistics Visualization for the Web tools to first analyse, collaborate and publish insights and knowledge

**Statistics eXplorer - author tool**  
**Analyse - Gain insight – Storytelling**  
**Collaborate**

**Statistics Publisher**  
**Publish – Insight - Knowledge**



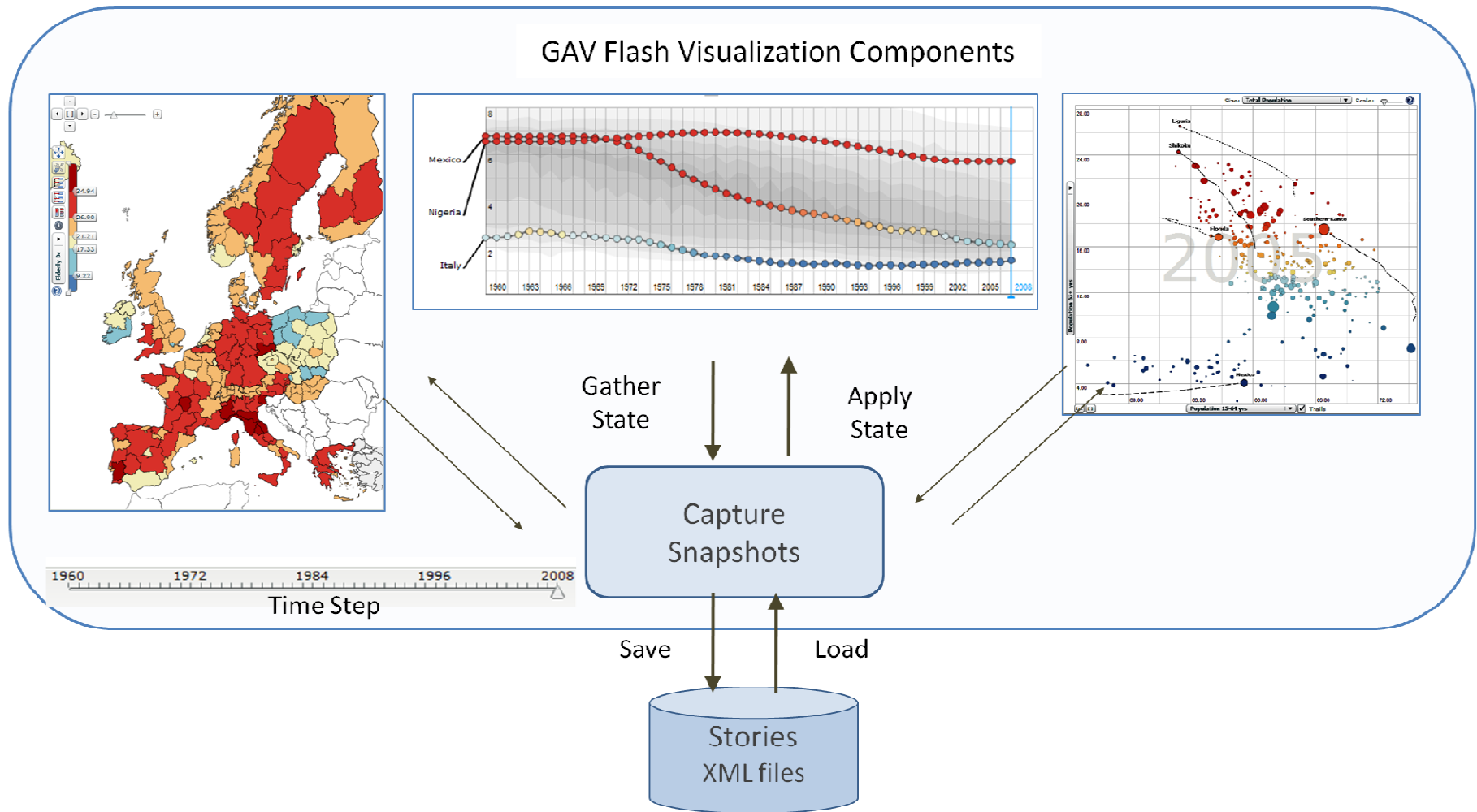


## Publishing statistics information requires Storytelling

- ❑ GAV Flash (eXplorer) has an architecture supporting Storytelling;
- ❑ Capture the current application state for all views;
- ❑ Dataset, map positions, scatter plot axes, time step – everything is saved as a “snapshot”;
- ❑ Stories with metadata are saved as XML files
- ❑ and can then be shared with colleagues;

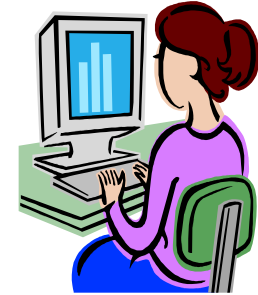
# Storytelling requires a Snapshot Mechanism to capture important events

time, region (s), methods, indicator, colour, ..

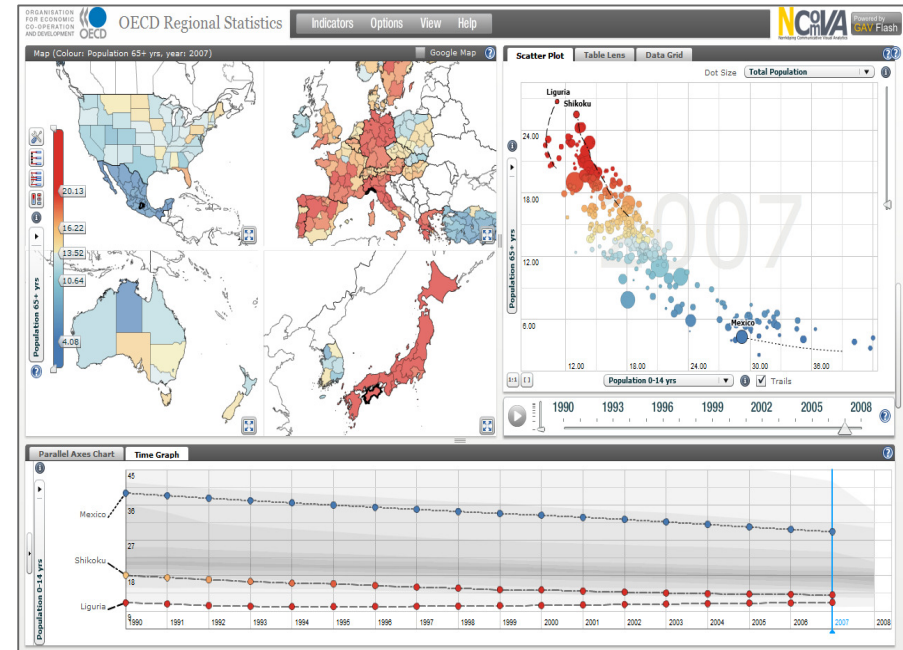


# Step 1 Statistics eXplorer – analytic and authoring tool

Select regions and indicators to be analysed – here OECD regional Statistics



1	META	CODE	Name	Total Population	Total Population	Total Population	Unemployment	Unemployment	Unemployment	GDP	GDP	GDP
2	UNIT			PP	PP	PP				USD PPP 2000	USD PPP 2000	USD PPP 2000
3	PRECISION			0	0	0	2	2	2	2	2	2
4	SHEET			2004	2005	2006	2004	2005	2006	2004	2005	2006
5	PARSETYPE	S	S	F	F	F	F	F	F	F	F	F
6	DESCRIPTION			Resident population of a given region.	Resident population of a given region.	Resident population of a given region.	Ratio between unemployed and labour	Ratio between unemployed and labour	Ratio between unemployed and labour	Regional constant 2000	Regional GDP, millions of constant	Regional GDP, millions of constant
7	AU1	New South Wales	6707189.00	675667.00	6816687.00	5.29	5.16	5.14	191899.5119	193293.8362	193782.7219	
8	AU2	Victoria	4981467.00	5048602.00	5126540.00	5.55	5.35	4.99	143486.7045	143378.5723	143883.1298	
9	AU3	Queensland	3900910.00	399488.00	4009998.00	3.46	4.81	4.32	9888.11817	104249.382	111279.4291	
10	AU4	South Australia	1540414.00	155204.00	1547888.00	5.90	5.13	4.94	39412.84689	39008.806	39469.95481	
11	AU5	Western Australia	1982677.00	2017088.00	2059381.00	5.09	4.44	3.57	6095.13497	64300.0413	72372.4024	
12	AU6	Tasmania	482770.00	488327.00	489951.00	6.47	6.23	6.39	10778.17426	11042.66819	11228.60379	
13	AU7	Northern Territory	202861.00	206379.00	210627.00	5.49	5.31	4.66	6514.316161	7057.23385	7597.032189	
14	AU8	Australian Capital Ter	227475.00	389164.00	134119.00	3.72	3.23	3.07	11789.75558	11810.94289	11819.45897	
15	AT11	Burgenland	277427.5	278766.00	279787.00	5.59	6.04	5.01	5862.81267	5702.934752	5768.08785	
16	AT12	Niederösterreich	1561376.00	1575599.00	1585561.00	4.21	4.26	3.57	37974.34264	38617.094	40368.54641	
17	AT13	Wien	1612511.00	1638983.5	1657791.5	8.86	9.11	8.78	68226.88005	67718.19805	69088.66219	
18	AT21	Kärnten	598484.5	162095.5	146151.5	4.63	4.81	4.37	13994.93689	14281.7319	14912.5749	
19	AT22	Steiermark	1194770.5	1199807.00	1203002.5	3.79	4.12	3.94	30426.15918	31233.76374	32582.11964	
20	AT31	Oberösterreich	1336099.00	1299189.00	1403862.00	3.71	3.99	3.20	39815.07995	41811.79774	42772.14175	
21	AT32	Salzburg	524611.00	527884.00	528963.5	3.72	3.17	3.11	13416.92543	13814.11507	14519.1334	
22	AT33	Tirol	689996.5	694859.00	698911.00	3.29	3.48	2.95	20954.12281	21943.91671	22795.01311	



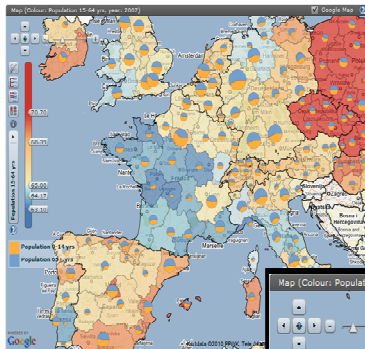
1	META	CODE	Name	Total Population	Population Density	Population 0-14	Population 15-64	Population 65+
2	PARSETYPE	S	F	F	F	F	F	F
3	UNIT	NA	NA	persons	persons/km2	%	%	%
4	PRECISION	NA	NA	0	2	2	2	2
5	TIMESTEP	NA	NA	2007	2007	2007	2007	2007
6	DESCRIPTION	Regional ID	Regional Name	Ratio between total population and land area (inhabitants per km2)	% of regional population in the age class 0-14; 15-64 and 65 and older	% of regional population in the age class 0-14; 15-64 and 65 and older	% of regional population in the age class 0-14; 15-64 and 65 and older	% of regional population in the age class 0-14; 15-64 and 65 and older
7	ITC1	Piemonte	4401266	175.25	12.60	64.72	22.68	
8	ITC2	Vallée D'aost	123979	38.61	13.32	63.90	20.36	
9	ITC3	Liguria	1609822	296.91	11.22	61.99	26.79	
10	ITC4	Lombardia	3942406	404.08	13.88	58.26	19.86	
11	ITD1	Provincia Aa	493910	66.75	16.79	66.02	17.19	
12	ITD2	Provincia Al	313337	62.71	13.32	63.64	19.04	
13	ITD3	Veneto	4832340	262.04	14.01	66.44	19.52	
14	ITD4	Friuli-Venez	1222061	133.58	12.24	64.71	23.05	
15	ITD5	Emilia-Rom	4275802	193.12	12.81	64.55	22.64	
16	ITE1	Toscane	3407948	139.16	12.36	64.38	23.20	
17	ITE2	Umbria	884450	104.59	12.64	64.15	23.21	
18	ITE3	Marche	1553063	160.11	13.14	64.37	22.49	
19	ITE4	Lazio	5561017	122.04	13.89	66.52	19.58	
20	ITF1	Abruzzo	1123987	123.02	13.15	65.56	21.29	
21	ITF2	Molise	320838	72.30	12.89	65.20	21.91	
22	ITF3	Puglia	3411500	177.49	16.56	62.37	15.67	

# Step 2 Statistics eXplorer – analytic and authoring tool

Analyse data and gain insight and knowledge - select methods OECD EU Regional Statistics



Glyphs – pie charts



Histogram

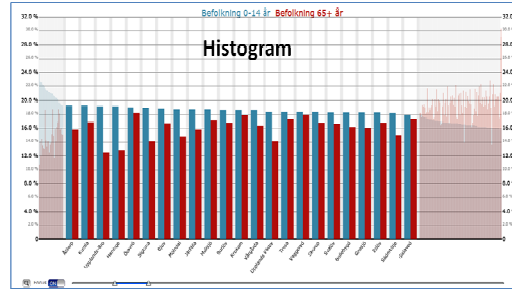


Table lens

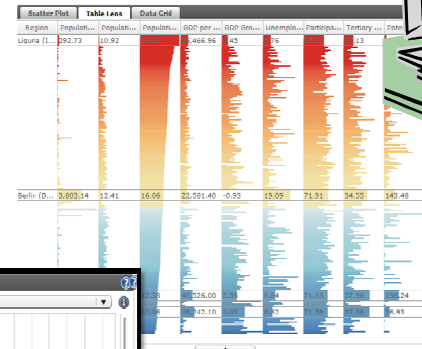
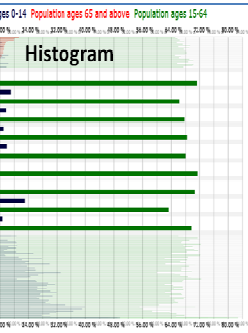
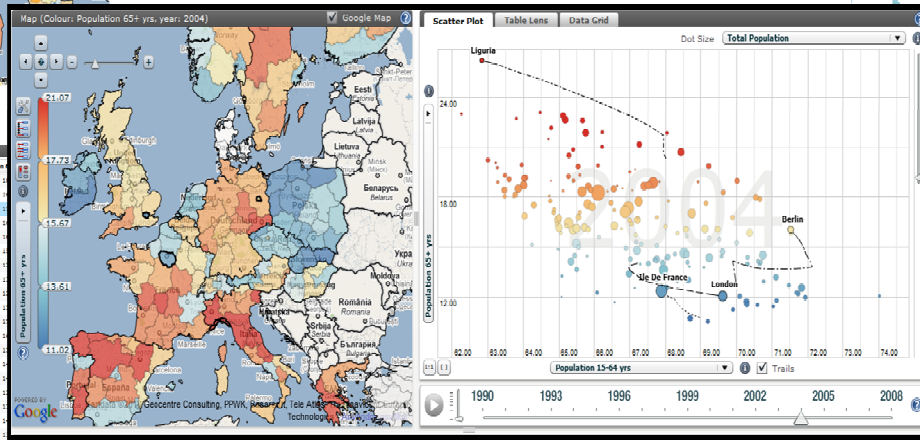
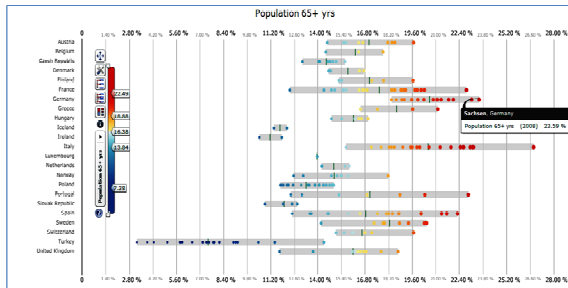


Table Grid

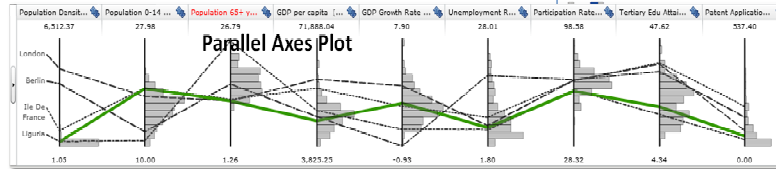
ID	Name	Region Group	Population (Density)	Population 0-14	Population 65+
AT11	Burgenland	Austria	70.03	14.69	
AT12	Niederösterreich	Austria	81.48	16.56	
AT12	Wien	Austria	1,889.43	14.72	
AT21	Nornten	Austria	80.66	16.03	
A122	Steiermark	Austria	72.85	15.49	
AT24	Oberösterreich	Austria	114.28	17.83	
AT32	Salzburg	Austria	75.31	17.18	
AT33	Tirol	Austria	54.32	17.22	
AT34	Vorarlberg	Austria	128.19	18.79	
BE1	Reg.Bruxelles-C	Belgium	6,231.83	18.23	
BE2	Vlaams Gewest	Belgium	4,184.91	18.80	
BE3	Region Wallonie	Belgium	2,015	18.24	
CZ01	Plzeň	Czech Republic	1,234.99	12.87	
CZ02	Jihomoravský	Czech Republic	1,027.49	13.26	
CZ03	Středočeský	Czech Republic	1,164.28	13.24	
CZ04	Severozápadní	Czech Republic	1,301.18	16.08	
CZ05	Severovýchodní	Czech Republic	1,191.01	15.72	
CZ06	Jihovýchodní	Czech Republic	1,172.23	15.24	
CZ07	střední Morava	Czech Republic	1,222.93	13.39	



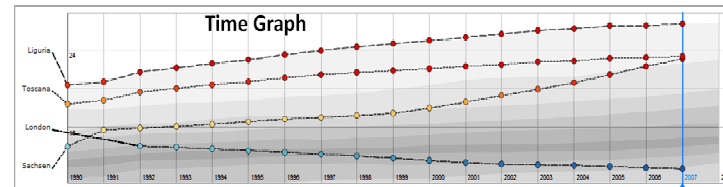
Regional Distribution Plot



Parallel Axes Plot



Time Graph

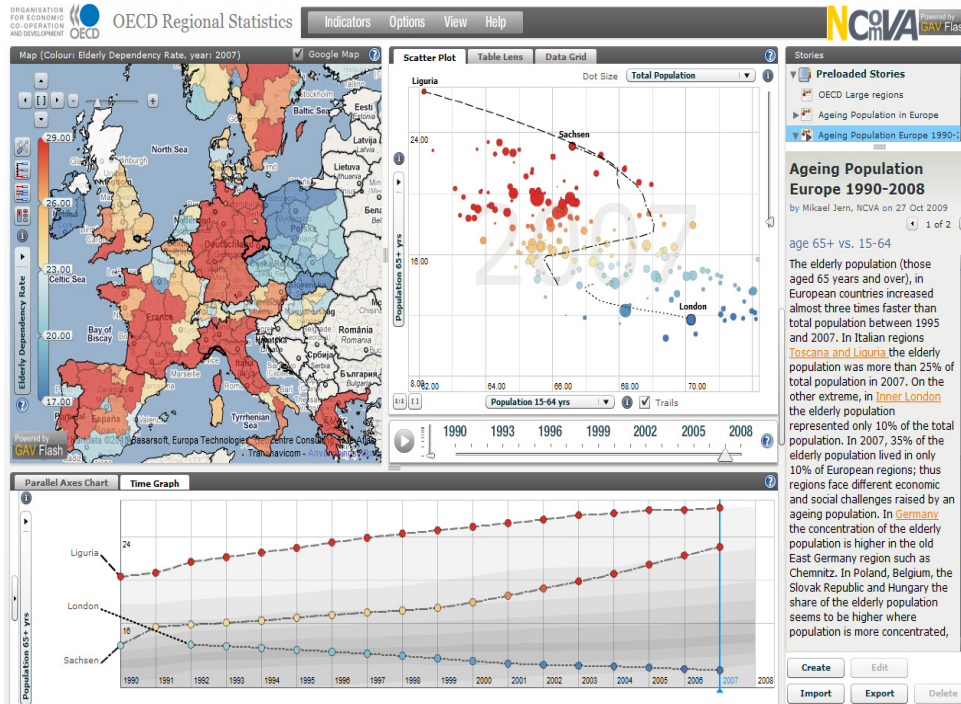


# Step 3 Statistics eXplorer – analytic and authoring tool

## Start writing your Story - Story Editor



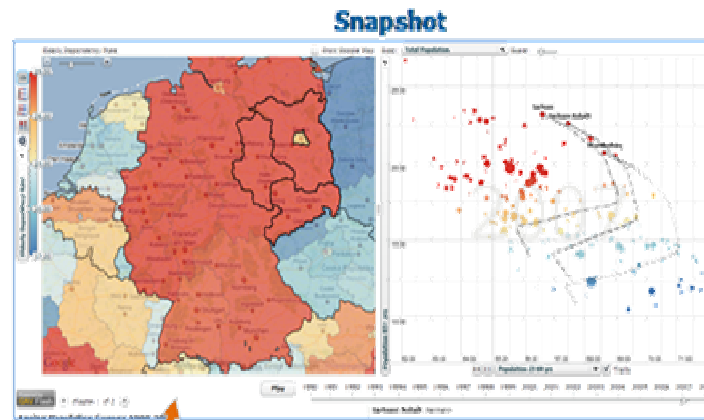
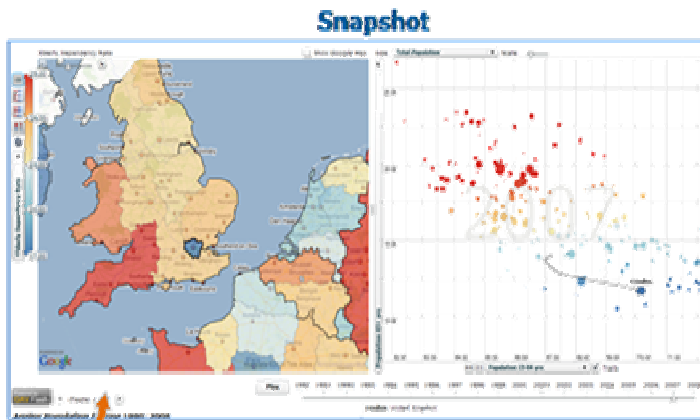
Story Editor



The screenshot shows the Story Editor interface. The 'Story Title' is 'Ageing population in EU 1990-2008'. The 'Author' is 'Mikael Jern' from the 'Organisation' 'NCVA'. The 'Chapters' list includes 'elderly dependency ra'. The 'Chapter Title' is 'elderly dependency rate population'. The 'Chapter Text' contains the following text: 'The Elderly Dependency Rate population (ratio between population aged 65 years and population age 15-64 %) in European countries increased almost three times faster than total population between 1990 and 2007. In Italian regions Toscana and Liguria the elderly population was more than 40% of total population in 2008. On the other extreme, in London the elderly population represented only 15% of the total population. In 2007, 35% of the elderly population lived in only 10% of'. The interface includes buttons for 'New', 'Remove', 'Reset', 'Capture', 'Embed data', and 'Close'. Arrows point to the 'metadata' and 'hyperlinks to snapshots' sections.

# Step 4 Statistics eXplorer – analytic and authoring tool

Start writing your Story – use snapshots to highlight (capture) special interesting insights and knowledge



Powered by **GAV Flash** | chapter 1 of 2 | **chapters**

## Ageing Population Europe 1990-2008

age 65 vs. 15-64 by Mikael Jern, NOVA

The elderly population (those aged 65 years and over), in European countries increased almost three times faster than total population between 1995 and 2007. In Italian regions **Toscana and Liguria** the elderly population was more than 25% of total population in 2007. On the other extreme, in **Inner London** the elderly population represented only 10% of the total population. In 2007, 35% of the elderly population lived in only 10% of European regions; thus regions face different economic and social challenges raised by an ageing population. In **Germany** the concentration of the elderly population is higher in the old East Germany region such as Chemnitz. In Poland, Belgium, the Slovak Republic and Hungary the share of the elderly population seems to be higher where population is more concentrated, generally in urban regions.

The elderly dependency rate i.e. the ratio between the elderly population and the number of people of working age (15-64) gives an indication of the balance between the economically active and retired populations. In 2007, the elderly dependency rate across European regions was on average higher in rural than in urban regions (**London, Paris, Copenhagen**); at the same time, only 24% of the elderly population lived in rural regions in 2007. As such, rural regions are more likely to face the challenge of ageing due to higher elderly dependency rates and lower concentrations of the elderly and thus these regions may bear higher costs to provide services by virtue of having an insufficient population for achieving economies of scale.

**Story Editor**

Story Title: Ageing Population Europe 1990-2008

Author Name: Mikael Jern | Organisation: NOVA

Chapters: age 65 vs. 15-64

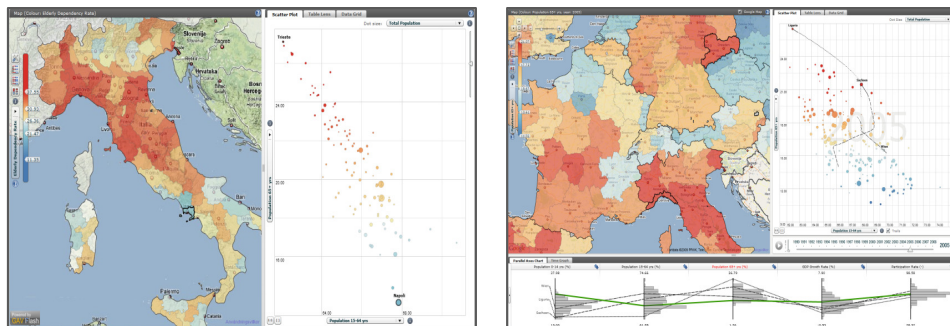
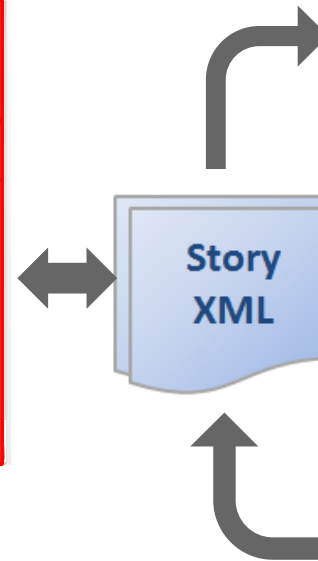
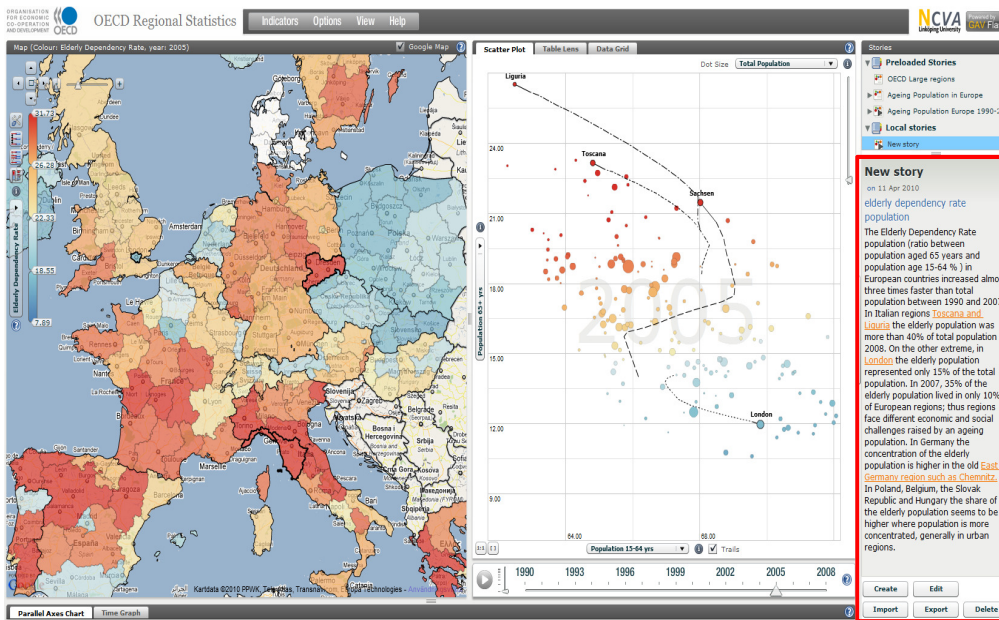
Chapter Title: age 65 vs. 15-64

Chapter Text: The elderly population (those aged 65 years and over), in European countries increased almost three times faster than total population between 1995 and 2007. In Italian regions **Toscana and Liguria** the elderly population was more than 25% of total population in 2007. On the other extreme, in **Inner London** the elderly population represented only 10% of the total population. In 2007, 35% of the elderly population lived in only 10% of European regions; thus regions face different economic and social challenges raised by an ageing population. In **Germany** the concentration of the elderly population is higher in the old East

Buttons: New, Remove, Reset, Capture

# Step 5 Statistics eXplorer – *analytic and authoring tool*

Share the Story with expert colleagues and reach consensus and trust – The Story is imported by your colleagues with OECD Regional Statistics and evaluated and if needed updated and returned to the author

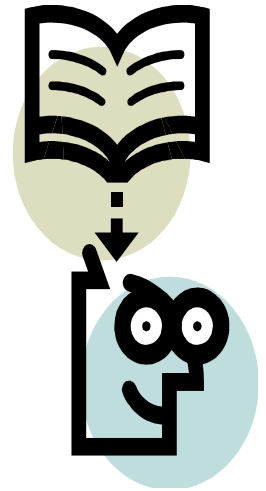


Returned comments

# Step 6a

# Statistics Publisher – Publish the Story

## Import Story - Select visualization methods for Vislet



Publisher Stories eXplorer Users

Welcome, mikael

Start publishing now, continue to the [Publisher!](#)

eXplorer Vislet

Explore data Gain insight Publish on web sites and blogs

Get feedback Create a Story Share with colleagues

Publisher Stories eXplorer Users

**Publisher**

Dimensions

Width: 100% Height: 650

Background  Show Metadata  Text Color

Transparent  Colour:

Select chapter views

The views active when the chapter was created are pre-selected for you.

Chapter	Left View	Right View	Bottom View
65+ vs 15-64	Choropleth Map	Scatter Plot	Time Graph

Google Map API key

Google Map API key for your website (optional, but needed for background map layer)

ABQIAAAAPwhX-cTODrD984WhxoeZhxRTr1QB4vaaXw7w1oZiUzGZGuo3gxTUL3CsrBV\_GkeY-u7RzWLQ:

HTML snippet

Now, to put this story in a booklet on your website, copy and paste this HTML-snippet

```
<object classid="clsid:D27CDB6E-AE6D-11cf-96BB-444553540000" id="Booklet" width="100%" height="650" codebase="http://fpdownload.macromedia.com/get/flashplayer/current/swflash.cab"> <param name="movie"
```

**Publisher Login**

**Size Vislet Window**

**Preview Vislet**

**Define Vislets**

**Copy HTML Code**

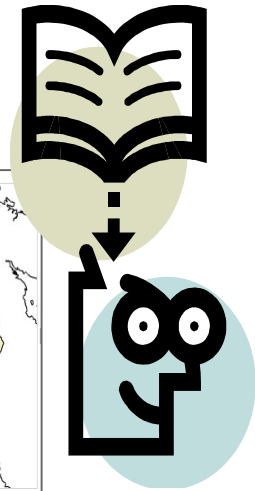
**HTML Code**



# Step 6b

# Statistics Publisher – Publish the Story

## Import Story - Select visualization methods for Vislet



Publisher Stories eXplorer Users

Welcome, mikael

Start publishing now, continue to the [Publisher!](#)

eXplorer Vislet

Explore data Gain insight Publish on web sites and blogs

Get feedback Create a Story Share with colleagues

Publisher Stories eXplorer Users

**Publisher**

Dimensions  
Width: 100% Height: 650

Background  
 Transparent  Colour: [ ]

Show Metadata Text Color [ ]

Preview

Select chapter views  
The views active when the chapter was created are pre-selected for you.

Chapter	Left View	Right View	Bottom View
65+ vs 15-64	Choropleth Map	Scatter Plot	Time Graph

Google Map API key  
Google Map API key for your website (optional, but needed for background map layer)  
ABQIAAAAPwhX-cTODrD984WhxcoZhxRTr1QB4vaaXw7v1oZiUzGZGuo3gxTUL3CsrBV\_GkeY-u7RzWLQ:

HTML snippet  
Now, to put this story in a booklet on your website, copy and paste this HTML-snippet

```
<object classid="clsid:D27CDB6E-AE6D-11cf-96B8-444553540000" id="Booklet" width="100%" height="650" codebase="http://fpdownload.macromedia.com/get/flashplayer/current/swflash.cab"> <param name="movie"
```

Publisher Login

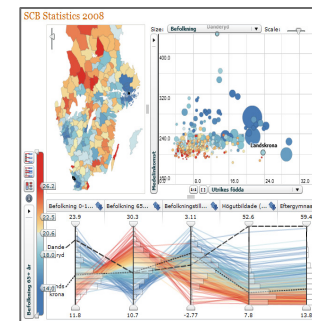
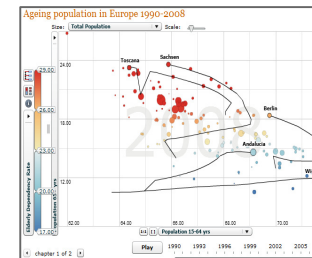
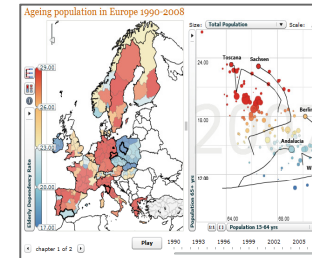
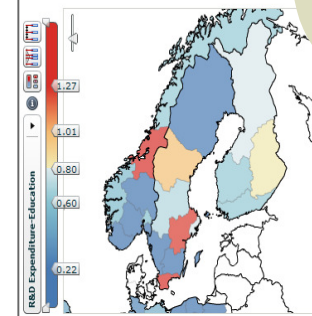
Size Vislet Window

Preview Vislet

Define Vislets

Copy HTML Code

HTML Code

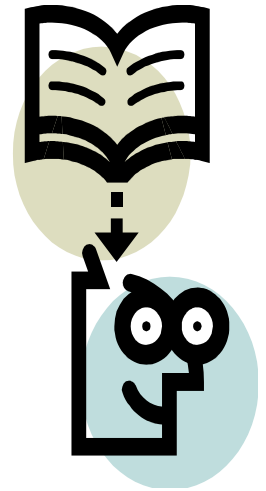




# Step 6d

# Statistics Publisher – Publish the Story

## Produce the HTML code



Publisher Stories eXplorer Users

Welcome, mikael

Start publishing now, continue to the [Publisher!](#)

eXplorer Vislet

Explore data Gain insight Publish on web sites and blogs

Get feedback Create a Story Share with colleagues

Publisher Stories eXplorer Users

**Publisher**

Dimensions

Width: 100% Height: 650

Background

Transparent  Colour:

Show Metadata Text Color

Preview

Select chapter views

The views active when the chapter was created are pre-selected for you.

Chapter	Left View	Right View	Bottom View
65+ vs 15-64	Choropleth Map	Scatter Plot	Time Graph

Google Map API key

Google Map API key for your website (optional, but needed for background map layer)

ABQIAAAAPwhX-cTODrD984WhxoeZhxRTr1QB4vaaXw7v1oZiUzGZGuo3gxTUL3CsrBv\_GkeY-u7RzWLQ:

HTML snippet

Now, to put this story in a booklet on your website, copy and paste this HTML-snippet

Copy

```
<object classid="clsid:D27CDB6E-AE6D-11cf-96B8-444553540000" id="Booklet" width="100%" height="650" codebase="http://fpdownload.macromedia.com/get/flashplayer/current/swflash.cab"> <param name="movie"
```

Publisher Login

Size Vislet Window

Preview Vislet

Define Vislets

Copy HTML Code

HTML Code

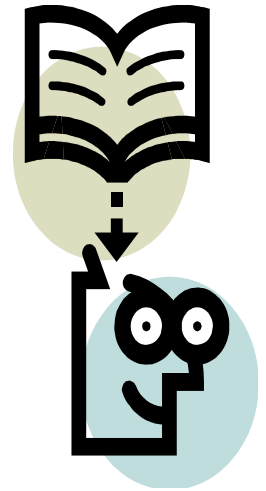
## HTML code

```
<object classid="clsid:D27CDB6E-AE6D-11cf-96B8-444553540000" id="Vislet" width="100%" height="650" codebase="http://fpdownload.macromedia.com/get/flashplayer/current/swflash.cab"> <param name="movie" value="www.mydomain.com/explorer/Vislet.swf?components=(ChoroplethMap,ScatterPlot)& amp;story=myStory.xml&backgroundColor=#ffffff&textColor=0&showMetadata=true&metaHeight=300&GoogleMapsKey=myGoogleKey"></param> <param name="quality" value="high"></param> <param name="allowScriptAccess" value="always"></param> <param name="bgcolor" value="#ffffff"></param> <embed src="www.mydomain.com/explorer/" quality="high" width="100%" height="650" name="Booklet" align="middle" play="true" loop="false" allowScriptAccess="always" type="application/x-shockwave-flash" flashVars="components=(ChoroplethMap,ScatterPlot)&story=myStory.xml&backgroundColor=#ffffff&textColor=0&showMetadata=true&metaHeight=300&GoogleMapsKey=myGoogleKey" pluginpage="http://www.adobe.com/go/getflashplayer" bgcolor="#ffffff"></embed> </object>
```

## Step 7

# Statistics Publisher – *Publish the Story*

Embed (drop) the HTML code in a Blog (or HTML page)



### HTML code

```
<object classid="clsid:D27CDB6E-AE6D-11cf-96B8-444553540000" id="Vislet" width="100%" height="650" codebase="http://fpdownload.macromedia.com/get/flashplayer/current/swflash.cab">
  <param name="movie" value="http://www.mydomain.com/explorer/Vislet.swf?components=(ChoroplethMap,ScatterPlot)&story=myStory.xml&backgroundColor=#ffffff&textColor=0&showMetadata=true&metaHeight=300&GoogleMapsKey=myGoogleKey">
  <param name="quality" value="high">
  <param name="allowScriptAccess" value="always">
  <param name="bgcolor" value="#ffffff">
  <embed src="http://www.mydomain.com/explorer/" quality="high" width="100%" height="650" name="Booklet" align="middle" play="true" loop="false" allowScriptAccess="always" type="application/x-shockwave-flash" flashVars="components=(ChoroplethMap,ScatterPlot)&story=myStory.xml&backgroundColor=#ffffff&textColor=0&showMetadata=true&metaHeight=300&GoogleMapsKey=myGoogleKey" pluginspage="http://www.adobe.com/go/getflashplayer" bgcolor="#ffffff">
</object>
```

The screenshot shows a blog editor interface for "The Booklet Testing Blog". The title field contains "Äldrande befolkning i Sveriges kommuner". The editor shows the HTML code from the previous block. Below the editor, there are buttons for "PUBLICERA INLÄGG" and "SPARA SOM UTKAST".

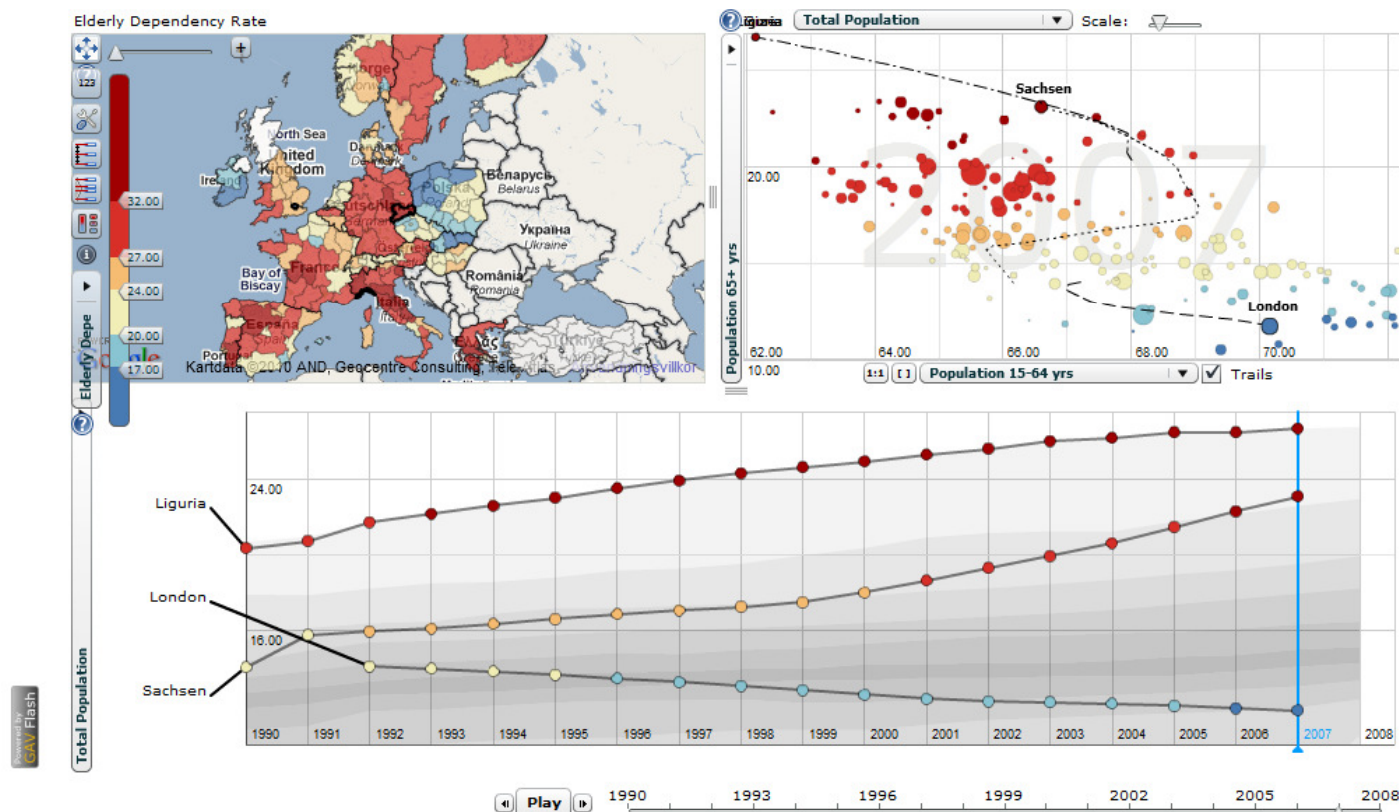
## Step 8

# Statistics Publisher – *Publish the Story*

## A Vislet with Metadata is now Published about ageing population in Europe



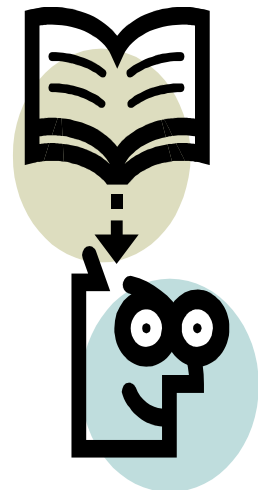
OECD eXplorer Vislet ageing population in Europe 1990-2008



OECD Ageing Population in Europe 1990-2008

pop age 65+ vs. pop age 15-64 by Mikael Jern, NComVA

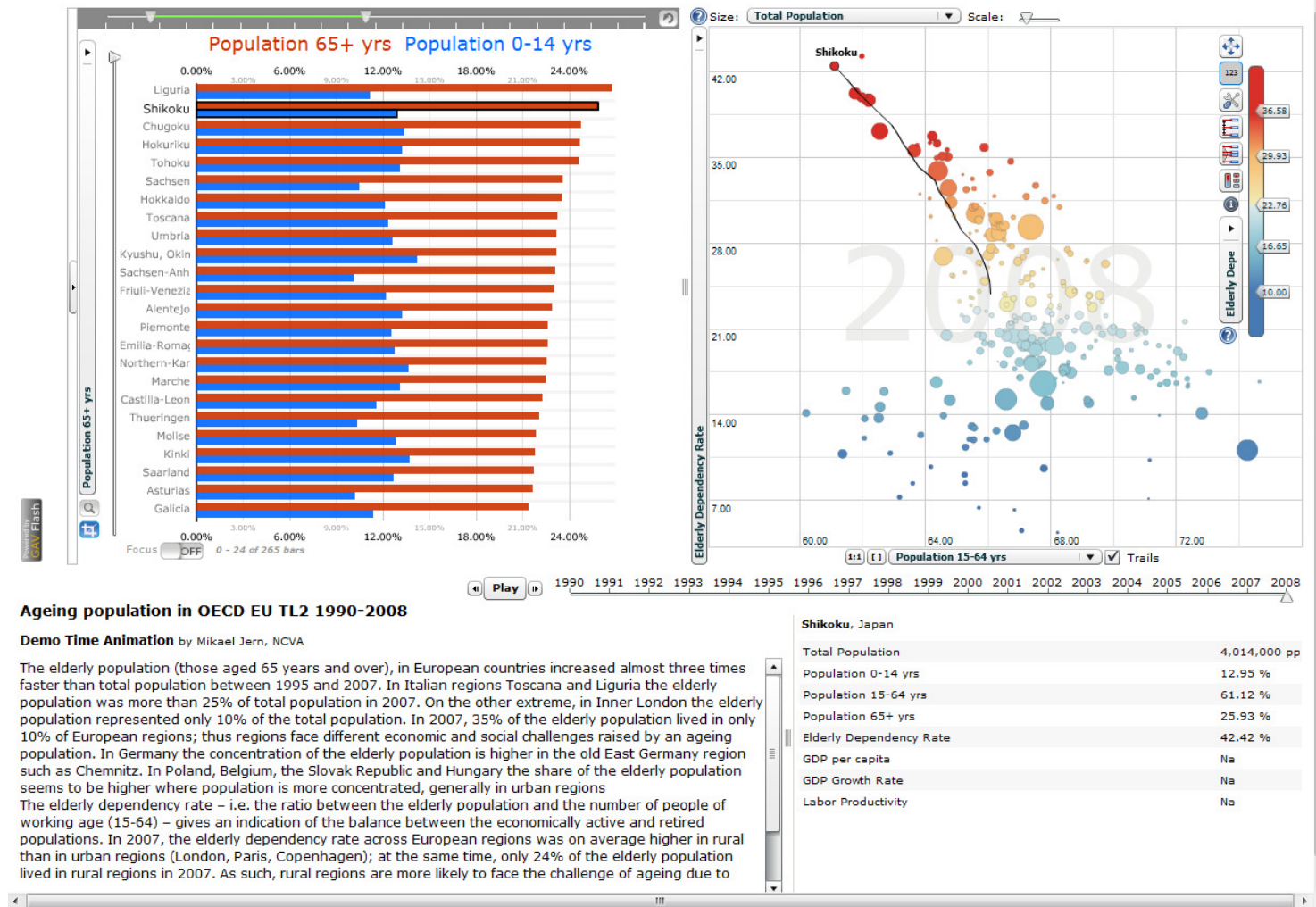
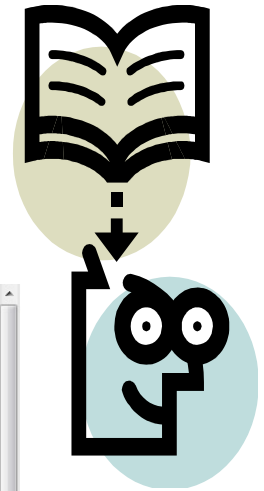
The elderly population (those aged 65 years and over), in European countries increased almost three times faster than total population between 1995 and 2007. In Italian regions [Toscana](#) and Liguria the elderly population was more than 25% of total population in 2007. On the other extreme, in [Inner London](#) the elderly population represented only 12% of the total population. In 2007, 35% of the elderly population lived in only 10% of European regions; thus regions face different economic and social challenges raised by an ageing population. In Germany the concentration of the elderly population is higher in the old East Germany region such as [Sachsen](#). In Poland, Belgium, the Slovak Republic and Hungary the share of the elderly population seems



## Step 9

# Statistics Publisher – *Publish the Story*

and here with Histogram and Scatter Plot



# Vislet embedded in the Sweden Statistics Blog - DEMO

Sweden Statistics  
Prototype from Statistics Sweden in the project "Sponsorship on Communication" initiated by Eurostat

Monday, September 13, 2010

Population ages 65 and above

Population ages 65 and above

Population ages 0-14

Country	Population ages 0-14 (x)	Population ages 65 and above (y)
Sweden	~18	~12
Italy	~20	~10
Japan	~27	~6
Nigeria	~45	~4

1960 1972 1984 1996 2008

Ageing population in the world 1960-2008

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Europe

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[All Results](#) [Related Searches](#) [Wonder Wheel](#) [Time Line](#) [All Results from Swedish Sites](#) [Images](#) [Videos](#) [News](#) [Blogs](#) [Updates](#) [Books](#) [Forums](#)

Blog List

- Eurostat - Statistics explained - Recent changes [en]**  
Migration statistics - Older revision Revision as of 17:59, 20 September 2010 Line 1: Line 1: - : "Data from September 2008, most recent data:

Internet | Protected Mode: Off

# Vislet embedded in the Sweden Statistics Blog

Sweden Statistics  
Prototype from Statistics Sweden in the project "Sponsorship on Communication" initiated by Eurostat

Monday, September 13, 2010

Population ages 65 and above

Population ages 65 and above

Population ages 0-14

1960 1972 1984 1996 2008

Swedish Statistics

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Europe

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Blog List

Internet | Protected Mode: Off

90%



## Way forward

- Use eXplorer Statistics Publisher to produce online publications following a defined model
- Statistics Publisher as a repository of evidence, facts to spur discussion on regional performance, quality of life in different communities
- Use Statistics Publisher in Media (Economist, etc.)

Many Thanks!

ORGANISATION  
FOR ECONOMIC  
CO-OPERATION  
AND DEVELOPMENT



Sveriges  
Kommuner  
och Landsting



City of  
Göteborg



**Statistiska centralbyrån**  
Statistics Sweden



STATISTICS  
DENMARK



Istat.it

**The World Bank**

IBRD & IDA: Working for a World Free of Poverty

IN PARTNERSHIP WITH THE  
**Knowledge Foundation**



Questions?

