



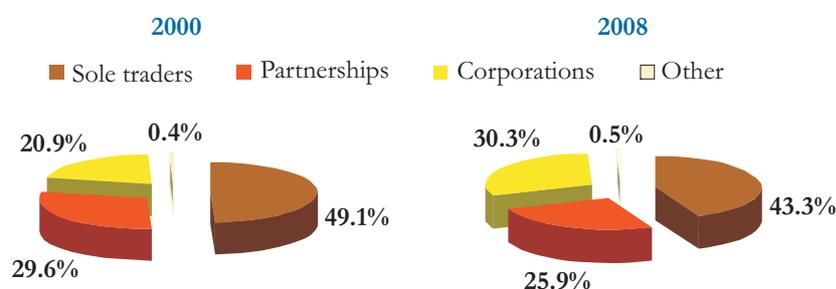
A PRODUCTIVE VENETO: THE OPTICAL AND ELECTRONICS INDUSTRY

TRENDS AND GEOGRAPHICAL DISTRIBUTION OF BUSINESSES

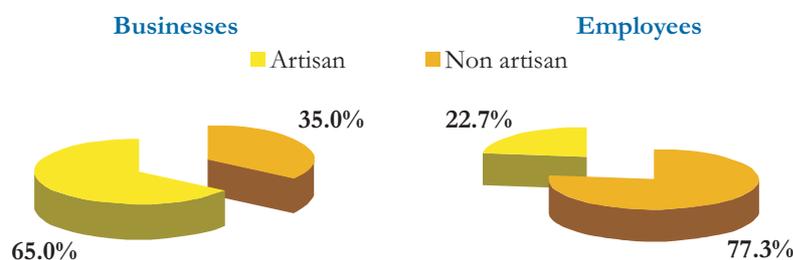


	Number	% variation on the previous year	% variation on 2000	% share of Veneto total
Active businesses in 2008	6,082	0.8	-9.3	1.3
Employees 2005	59,043	-1.8	6.6	3.6

Businesses by kind of ownership: % share. Veneto



Artisan businesses: % share. Veneto - Year 2008



Survival rate (*) of active businesses in the sector. Veneto - Years 2002:2005

active year	years of survival		
	2003	2004	2005
2002	92.2	85.7	80.4
2003	100.0	92.2	86.2
2004		100.0	93.2

survival at three years

survival at two years

survival at one year

(*) Survival rate at time t+n: % ratio of the number of active businesses at t and the survivors at t+n and number of businesses active at t.

Economic aggregates

	Value (mln euro)	% share of Veneto total	% share of the Italian sector
Added value 2006	3,420.8	2.7	15.1
Investments 2005	590.8	2.0	13.2

Source: processing by Regione Veneto - Direzione Sistema Statistico Regionale on InfoCamere and Istat-Asia data 2005

This issue of Statistics Flash analyses the industrial and geographical structure and trends of the Veneto optical and electronics sector, which includes the manufacture of electronic medical equipment and precision optical equipment. Analysis was carried out by combining various statistical and administrative sources for different periods in time.

Italy's local unit register (Asia-Unità Locali), which is compiled by ISTAT, is the main source for analysing production units, and is currently available for the region for 2002-2005.

Veneto businesses account for 10.6% of the national optical and electronics industry. In 2005, there was an average of 9.9 employees for each local unit. This figure is more than 6 employees higher than the total regional average, and in line with the average for the manufacturing industry (9.4 employees).

In this sector the share of small businesses (sole traders) is 43.3%, which is lower than in other sectors. Their number has decreased while the number of corporations has risen.

The number of artisan businesses in this sector is nearly double that of industry in Veneto overall.

Analysis of the survival of active businesses from 2002 into the following years shows a trend similar to that of other kinds of firms in Veneto: 80.4% of the businesses in 2002 were still active in 2005, a share that is one percentage point above the regional average (79.4%).

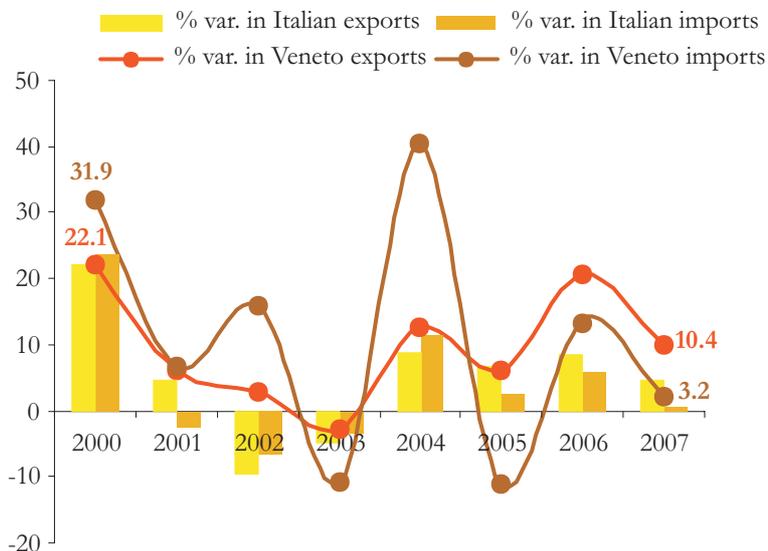
In economic terms the optical and electronics sector produced 2.7% of the total wealth of Veneto and contributed 15.1% of the sector's production on a national level.

Taking into account inflation, it is estimated that there was a substantial increase in added value both in the long term (2000-2006) and in the last two-year period.

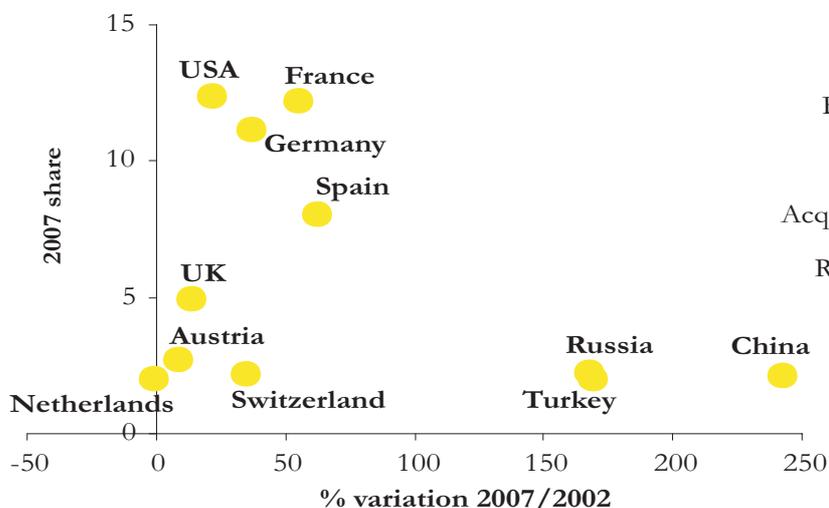
Foreign trade in optical and electronic products

	Value (mln euro)	% variation on		% share of	
		the previous year	2000	the Veneto total	the Italian sector
Exports 2007	5,677.9	10.4	69.1	11.2	18.0
Imports 2007	2,701.0	3.2	60.5	6.8	6.6

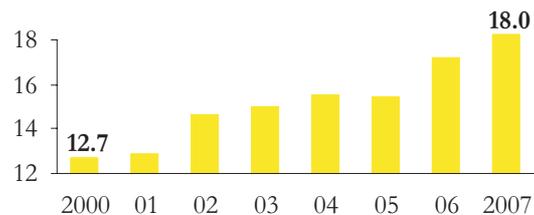
Trade trends. Veneto and Italy - Years 2000:2007



Leading markets in the sector. Veneto - Years 2002:2007



The foreign market share of the optical and electronics sector. Veneto - Years 2000:2007

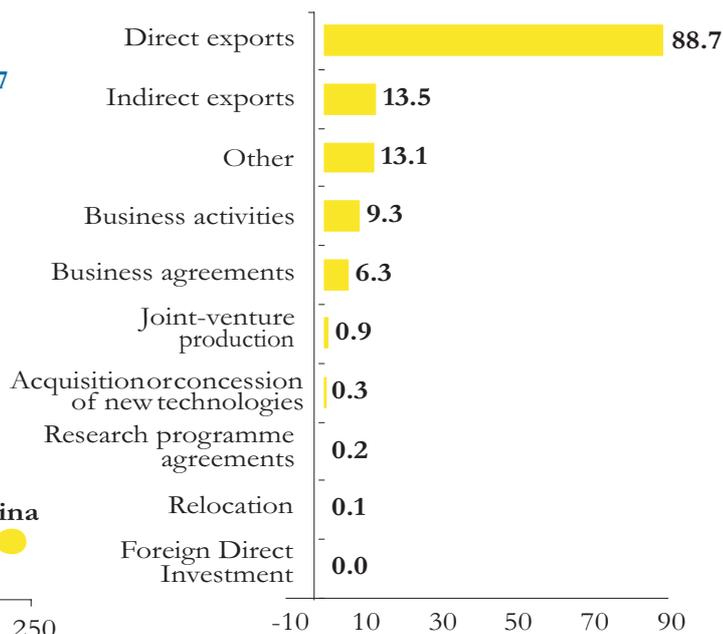


Foreign trade in optical and electronic products has increased considerably; it vaunts an 18.0% share of national sector exports and is a leading item of regional exports.

The main markets are USA, Germany, France and Spain, but China, Russia and Turkey have increased considerably.

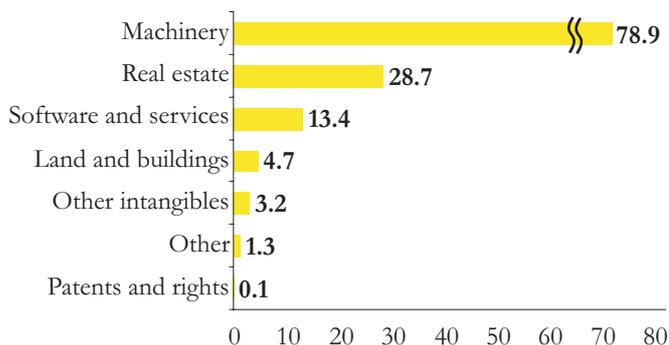
About one quarter of the businesses that produce optical and electronic goods are involved in foreign trade, mainly through direct and indirect exports and business activities.

Percentage of optical and electronics industry businesses by type of foreign economic activity. Veneto - Year 2008

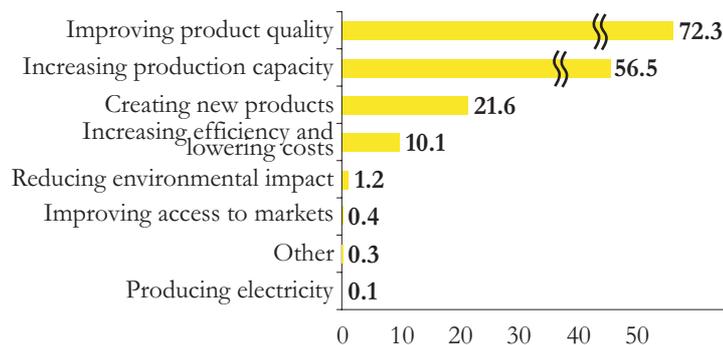


Investments in the sector (*)

Percentage of optical and electronics industry businesses by type of investments made. Veneto - Year 2008



Percentage of optical and electronics industry businesses by reasons for investments. Veneto - Year 2008



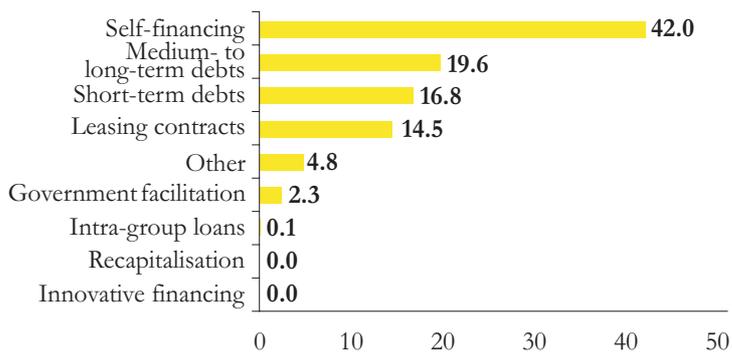
(*) Multiple answers possible

Source: processing by Regione Veneto - Direzione Sistema Statistico Regionale on Istat and Indagine MET data

Financial channels and innovation in the optical and electronics sector (*)

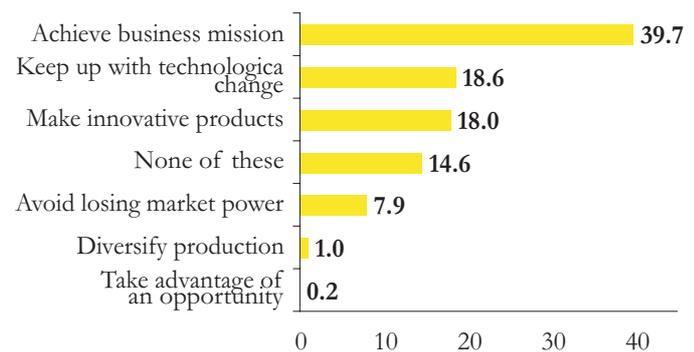
Percentage of optical and electronics industry businesses by type of financial channels used for making investments.

Veneto - Year 2008



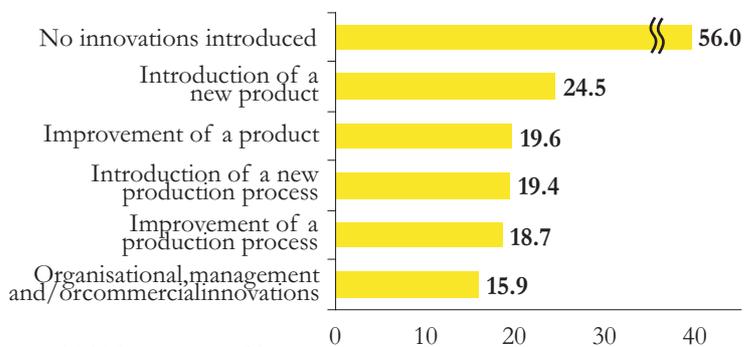
Percentage of optical and electronics industry businesses by reason for research and development.

Veneto - Year 2008



Percentage of optical and electronics industry businesses by innovations introduced in the three-year period 2005-07.

Veneto - Year 2008



(*) Multiple answers possible

Average score given to the principal factors governing competitive advantage in optical and electronics industry businesses.

Veneto - Year 2008 (Scores from 1 to 10)



In 2008, investments were made by 42.2% of businesses in the sector, predominantly in machinery, with the aim of increasing their production capacity. Investments were mainly made through self-financing and medium- to long-term debt.

Research and development was carried out by 16% of businesses in the sector, nearly 40% of which do so as a company mission.

Between 2005-07, 44% of businesses introduced innovative processes. This was mainly through bringing new products onto the market and improving existing production processes.

The quality of work is the main factor governing the sector's competitive advantage. This was followed by efficient organisation.

Geographical analysis

	No. businesses 2008	No. local units	% share of local units	No. local unit employees	% share of local unit employees	Rate of employment potential	% share of exports 2007	Density	Productive potential
Belluno	572	606	9.8	13,203	22.8	62.2	33.9	0.2	2.9
Padova	1,223	1,272	20.6	10,360	17.9	11.6	15.7	0.6	1.4
Rovigo	217	210	3.4	1,262	2.2	5.2	0.8	0.1	0.9
Treviso	1,141	1,150	18.6	9,499	16.4	11.2	12.5	0.5	1.4
Venezia	767	743	12.0	4,086	7.1	4.9	5.9	0.3	0.9
Verona	868	871	14.1	5,712	9.9	6.6	7.1	0.3	1.0
Vicenza	1,294	1,331	21.5	13,762	23.8	16.4	24.1	0.5	1.6
Veneto	6,082	6,183	100.0	57,885	100.0	12.2	100.0	0.3	1.3

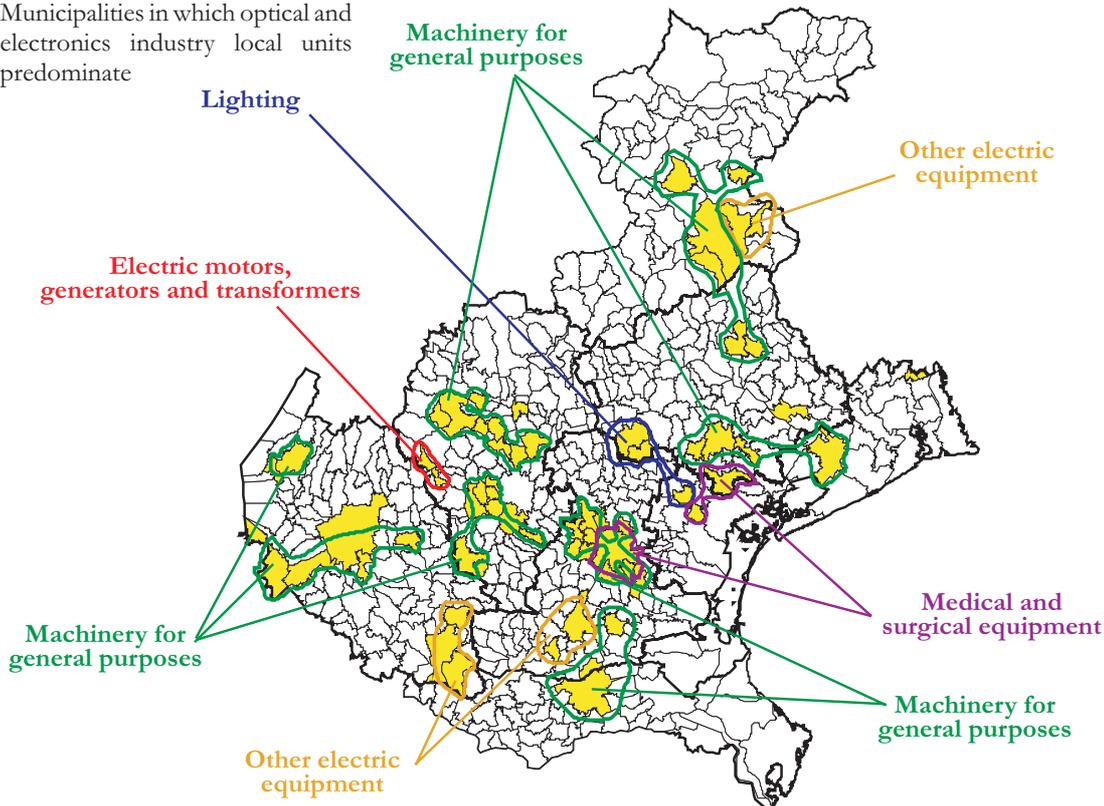
Rate of employment potential: No. local unit employees / Resident pop. x 100

Density: No. local units / area in km²

Productive potential: No. local units / Resident pop. x 100

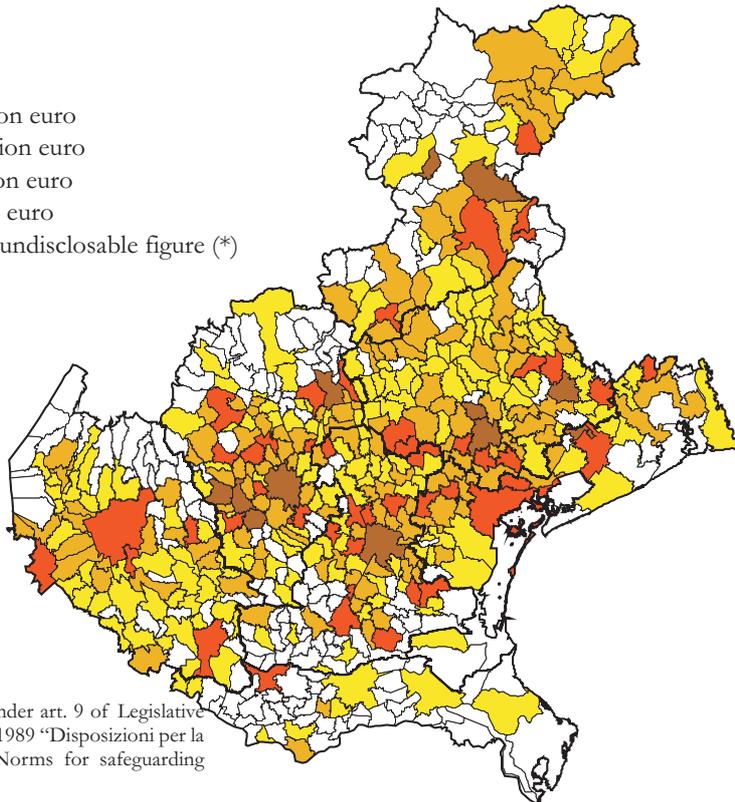
Cluster map of optical and electronics industry by municipality

■ Municipalities in which optical and electronics industry local units predominate



The value of optical and electronics industry exports by municipality

- More than 50 million euro
- From 10 to 50 million euro
- From 1 to 10 million euro
- Less than 1 million euro
- No exporter or an undisclosable figure (*)



(*) Data may not be divulged under art. 9 of Legislative Decree no. 322 of 6 September 1989 "Disposizioni per la tutela del segreto statistico" (Norms for safeguarding statistical secrecy)

Source: processing by Regione Veneto - Direzione Sistema Statistico Regionale on Istat-Asia 2005 data

Geographical analysis shows industry specialisation in some provinces: Vicenza, Padova and Treviso are the locations with the largest number of local units in the sector. Vicenza is also the province that has the largest number of employees, but it is the province of Belluno, thanks to the presence of several important eyewear businesses, that is first in regional exports (33.9%). Belluno has the highest productive potential: almost 3 local units per 1000 residents. The map of production clusters shows the municipalities in which the optical and electronic businesses outnumber all the others; they have been considered together because of the numerous ways in which the production chains of these two activities interact. Local units and fields of specialisation were clustered into many small areas. Cross-referencing a range of registers has allowed us to reconstruct a map of exporters shown according to their municipality. This shows a widespread, high level of exports, especially in the province of Belluno and in the central area of Veneto.

In accordance with Regional Law no. 8 of 2002, Ufficio di Statistica della Regione Veneto gathers, analyses and disseminates statistical information for the region. The processed data herein is the patrimony of the entire region and is published in brochures and on the Regione Veneto website at www.regione.veneto.it/statistica.



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