

Graduate tracking to improve the quality of VET in Sweden

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An overview of graduate tracking VET in Sweden



Initial Vocational Education and Training (IVET)

Non-formal education

- Labour market training
- Training organised and financed by employers

Upper secondary school

- National vocational programmes (VET)
- National higher education preparatory programmes (non-VET)
- Introductory programmes (VET and non-VET)

- Survey conducted every 3 years, graduates 3 years after graduation, factual and qualitative aspects
- Register based follow-up every year, all students 1, 3, 5 years after leaving school, establishment on the labour market and further studies
- Part of the register based, comparative follow-up including HE, IVET and CVET

Adult education

- Getting a vocational education (VET courses)
- Getting access to higher education (non-VET courses)
- Learning the Swedish language

- Register based follow-up every year, all students 1 and 2 years after graduation, establishment on the labour market and further studies

Continuous Vocational Education and Training (CVET)

Higher Vocational Education and Training

Other forms of CVET

- Vocational courses at Folk High Schools
- Vocational courses in arts and culture



- Survey conducted every year, graduates 1 year after graduation, factual and qualitative aspects
- Short survey conducted by providers and the responsible agency in collaboration, graduates 6 months after graduation
- Part of the register based, comparative follow-up including HE, IVET and CVET

- Survey planned to be conducted every 10 years
- Register based follow-up planned every 4 years

Spotlight on Upper secondary schools national vocational programmes (VET)

Graduate tracking based on administrative data

The Swedish
National Agency
for Education

Design

- Conducted every year
- Covers all school-leavers
- 1, 3, 5 years after leaving school
- Register-based measurement
 - Established status on the labour market
 - Uncertain status on the labour market
 - Weak status on the labour market
 - Studying (higher education)
 - Studying (other education)
 - Not working nor studying

Combination of several registers

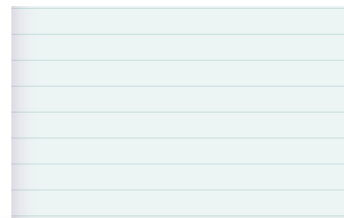
- Employment register
- Income and tax register
- Unemployment register
- Education register
- Student loan register

Presentation of the data

National statistics



Statistik med kvalitetsstämpeln Sveriges Officiella Statistik är kvalitetsgranskad, tillförlitlig och trovärdig.



Skolform: Gymnasieskolan

Läsår, termin, år: 2019

1 år efter gymnasies...

3 år efter gymnasies...

Gymnasieskolan – Ungdomars verksamhet efter gymnasieskolan – Riksnivå																		
Tabell 1B: Etableringsstatus ett år efter avslutade gymnasiestudier läsåret 2017/18, per program (verksamhet 2019)																		
Program	Ungdomar som slutfört gymnasieskolan Gy 2011 läsåret 2017/18 alternativt påbörjat gymnasiestudier och är födda 1999		Etableringsstatus kalenderåret 2019															
	Antal	Kvinnor	Män	Etablerad ställning		Osäker ställning		Svag ställning		Högskolestudier		Övriga studier		Varken arbetar eller studerar				
				Totalt	Kv	Män	Totalt	Kv	Män	Totalt	Kv	Män	Totalt	Kv	Män	Totalt	Kv	Män
				Ande	Ande	Ande	Ande	Ande	Ande	Ande	Ande	Ande	Ande	Ande	Ande	Ande	Ande	Ande
				(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
Samtliga	96 607	46 802	49 805	28,8	26,0	31,4	8,4	8,0	8,8	18,2	17,9	18,5	23,9	27,4	20,7	15,8	16,9	14,8
Slutfört med gymnasieexamen	73 142	36 839	36 303	30,8	27,6	34,1	8,7	8,4	9,0	16,2	16,5	16,0	31,0	34,1	27,9	11,3	11,9	10,6
Yrkesprogram	22 928	9 318	13 610	51,0	43,4	56,2	12,5	12,2	12,7	17,8	20,6	15,9	5,4	9,3	2,7	10,5	12,3	9,3
Barn och fritid (BF)	1 893	1 207	686	43,2	44,9	40,2	12,5	11,6	14,0	20,0	16,2	26,5	12,0	15,4	6,1	10,4	9,9	11,1
Bygg och anläggning (BA)	3 018	239	2 779	65,3	54,4	65,2	12,0	14,6	11,8	14,5	17,2	14,3	0,4	1,7	0,3	5,1	8,4	4,8
El och energi (EE)	3 832	105	3 527	49,4	52,4	49,3	14,5	13,3	14,5	15,2	16,2	15,1	2,6	...	...	14,2	13,3	14,3
Fordon och transport (FT)	2 506	400	2 106	66,5	70,2	11,7	13,5	10,7	12,6	13,0	13,0	12,6	0,2	0,2	0,2	3,4	4,0	3,3

Local statistics

Skolverket

Gymnasieskolan - Vad ungdomar gör ett år efter gymnasiestudier

Avgångsläsår: 2017/18

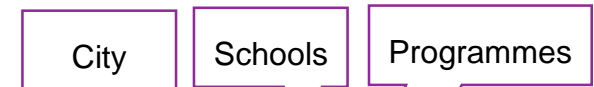
Vald organisation/nivå: Örebro

Vald typ av huvudman: Samtliga huvudmän

Valda program: Alla program

ANALYSSTÖD

EXCEL



Barn- och fritidsprogrammet

Ungdomars verksamhet ett år efter avslutade gymnasiestudier

	Antal ungdomar	Etablerade	Studierande
Riket	1 893	43,2	22,4
Örebro	33	54,5	...
Plusgymnasiet i Örebro	..	..	..
Virginsk gymnasiet	26	53,8	..
Virginska gymnasiet RGD-RGH	..	..	..

Byggnads- och anläggningsprogrammet

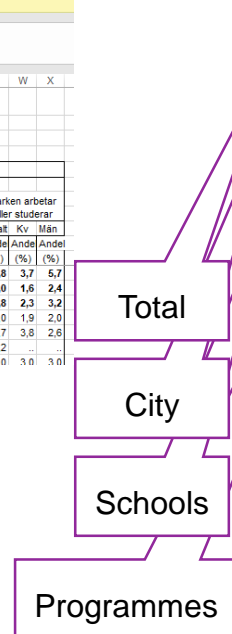
Ungdomars verksamhet ett år efter avslutade gymnasiestudier

	Antal ungdomar	Etablerade	Studierande
Riket	3 018	65,3	5,5
Örebro	77	53,2	13,0
Kvinnerstagnymnasiet	10	..	..
Praktiska Örebro	..	..	..
Tullängsgymnasiet	48	56,3	..
Tullängsgymnasiet RGD-RGH	..	..	..
Yrkesgymnasiet Örebro	..	..	..

Ekonomiprogrammet

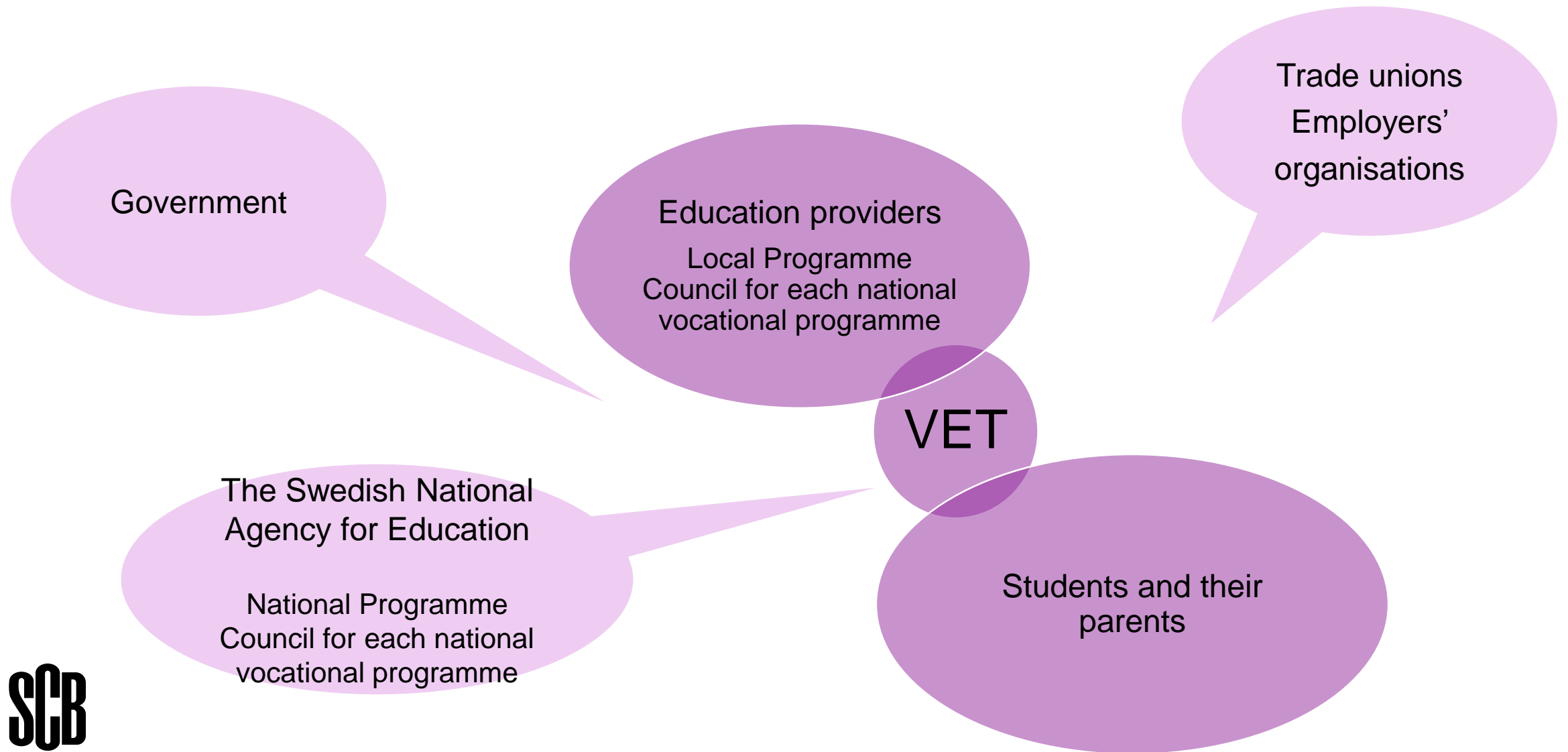
Ungdomars verksamhet ett år efter avslutade gymnasiestudier

	Antal ungdomar	Etablerade	Studierande
Riket	10 705	32,0	43,3



How the data is used

Stakeholders



National level

Do VET-programmes lead to the occupations aimed for?

Do higher education preparatory programmes lead to higher education?

If not:

- Smaller adjustments of the programmes
E.g. introduction of a new VET-specialisation for a higher education preparatory program.
- Adjusting the system
On behalf of the government, the Swedish National Agency for Education is developing a package of information supporting schools to better dimension their programmes. The aim is to focus more on labour market demand (forecasts) and results (graduate tracking).

The problem:

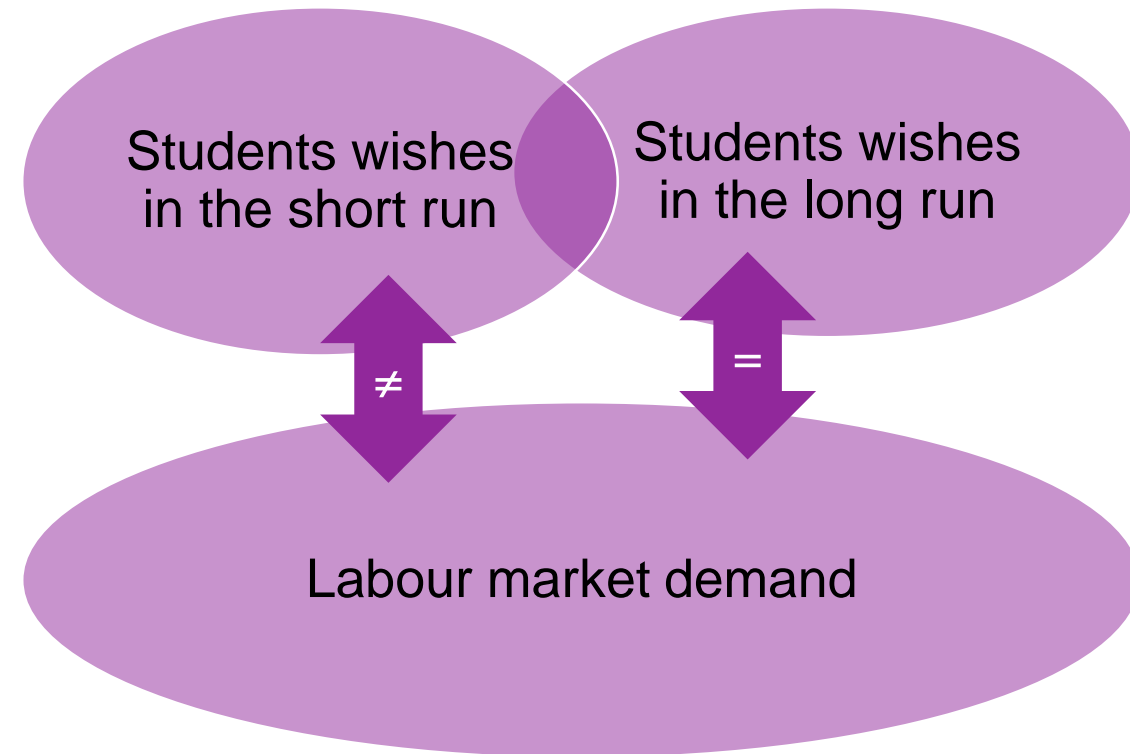
Too few pupils choose VET-programmes leading to occupations where there is a lack of skills supply

Employers' organisations use good graduate tracking results to advertise VET-programmes.

"Not everybody has to study at university. Choose a VET programme and you will earn a good salary directly after school."

Regional and local level

- Dimensioning is based on students wishes in the short and the long run and labour market demand
- Graduate tracking will be one component when dimensioning programmes



Students and their parents

The Swedish
National Agency
for Education

Choices for 15-year olds to make:

- What type of programme – VET or higher education preparatory?
- Which programme?
- Which school?

A future database aims at informing about

- occupations and possible career paths
- graduate tracking results
- labour market forecasts

Enablers and barriers to using graduate tracking data for improving VET

Enablers

- Rich administrative data
- User dialogue
- Political commitment to achieve change and solve the skills supply problem

Barriers

- Delay in the statistics
- Small numbers
- Reaching the users
- Only factual data, no data about graduates' assessments of their study programme or their work

Questions?

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Links

IVET

Upper secondary school

- [Survey](#) (available in English)
- [Register based statistics](#)
(Swedish only)

Adult education

- [Register based statistics](#)
(Swedish only)

CVET

- [Survey](#) (Swedish only)

[Register based, comparative follow-up including upper secondary school, CVET and HE](#)
(available in English)