

Summary of Existing Vision Screening Programmes in Europe



Work Package 3 (Sheffield)*

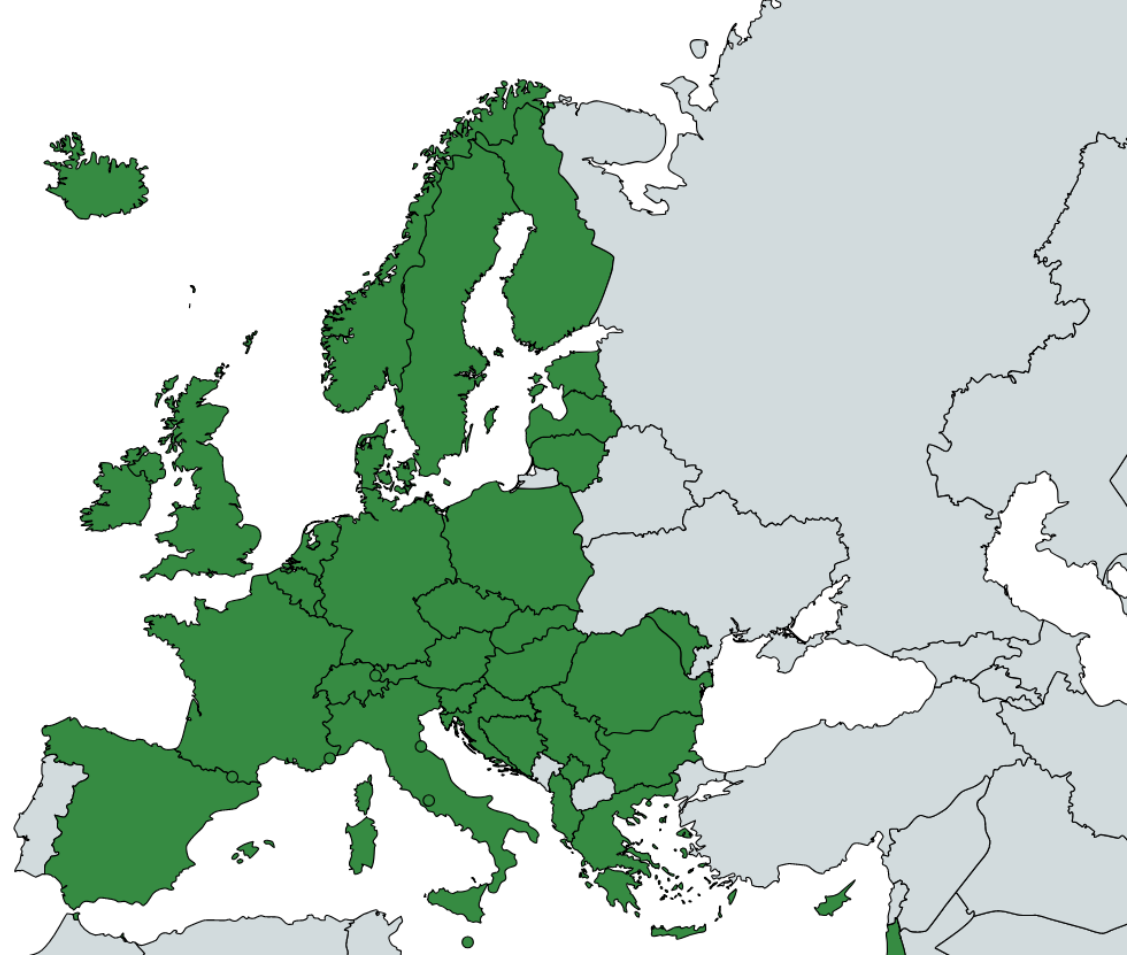
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*The EUSCREEN foundation consists of Representatives of the 41 countries in Europe

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 733352




Results: Published reports

- 42 vision reports completed
- Published on EUscreen website
- Can be widely disseminated
- Translated versions may be required
- We would be interested now to work with country representatives to produce
 - country-specific publications
 - Website information
 - Blogs etc..



<https://www.euscreen.org/vision-screening-country-reports/>

Overview of provision across EU



Summary Vision Screening Data: An overview of reported vision screening practices across Europe

Produced as part of Work Package 3

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DATE TBA

Disclaimer: This is a summary report representing the responses from a country representative working within eye care services of the country reported. This report does not represent conclusions made by the authors, and is the product of professional research conducted for the EUSCREEN study. It is not meant to represent the position or opinions of the EUSCREEN study or its Partners. The information cannot be fully verified by the authors and represent only the information supplied by the country representatives.

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Summary Report in preparation: expected publication June 2019

- Wide variation within and between countries
- Vision screening being funded without evidence of need
- Vision screening being delivered without evidence of effectiveness
- No cost-effectiveness models in place

Examples to be discussed







Who performs screening?

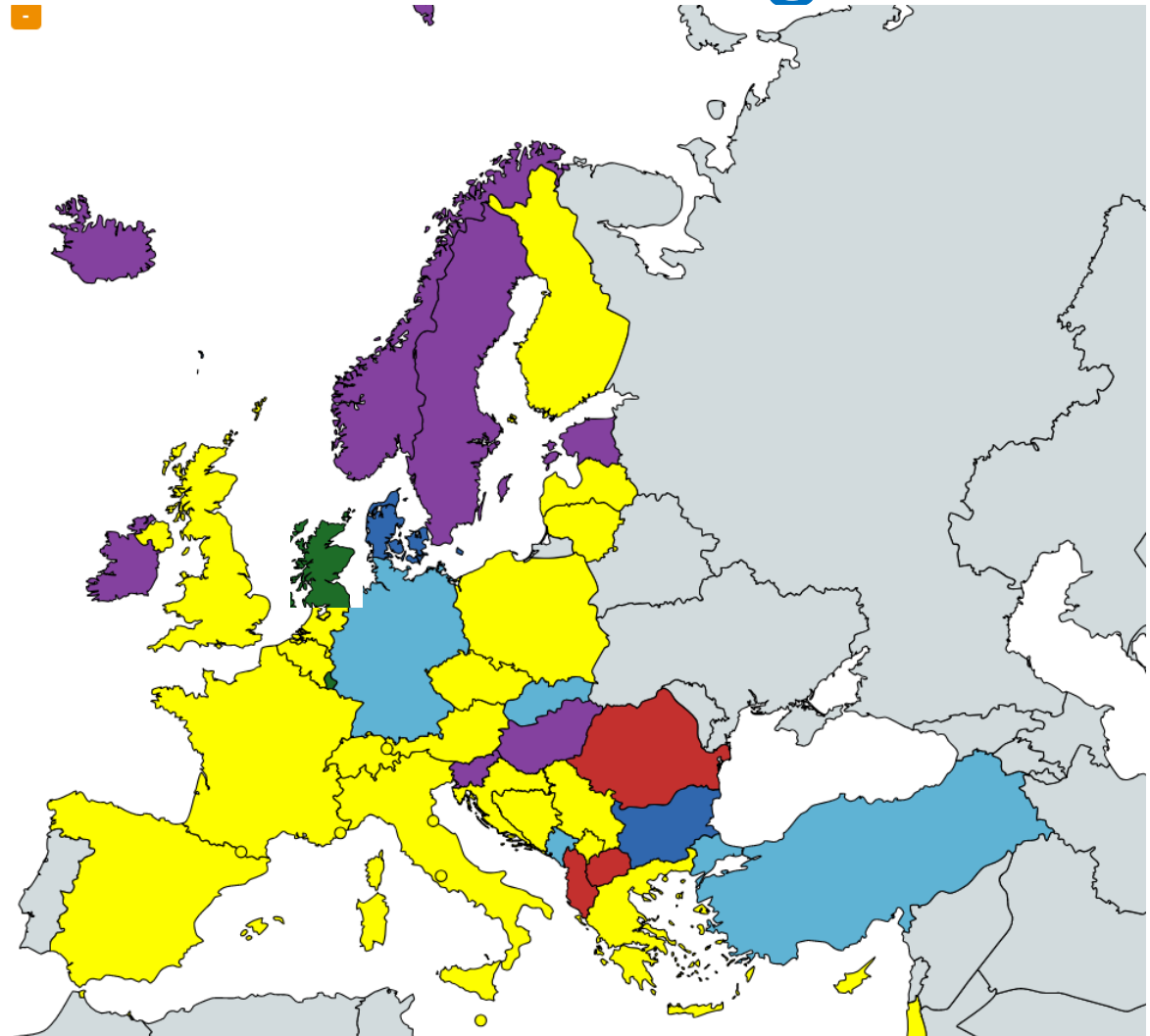


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Who performs vision screening?

36 months – 7 yrs

-  Ophthalmologist
-  Orthoptist
-  GP
-  Nurse / HV
-  Paediatrician
-  Mixed

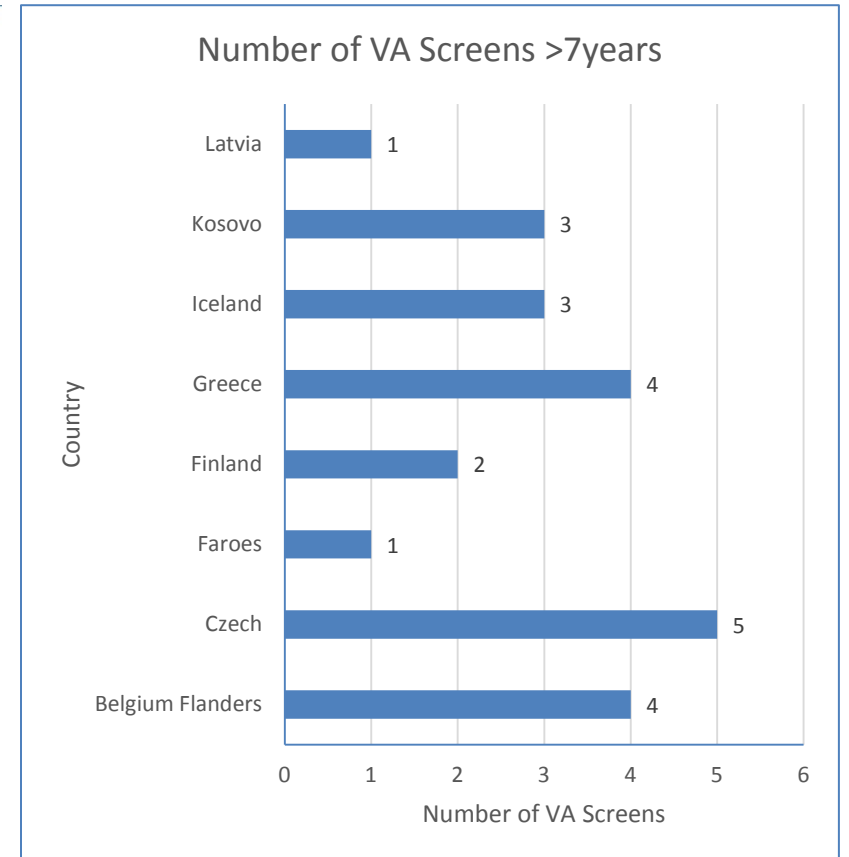
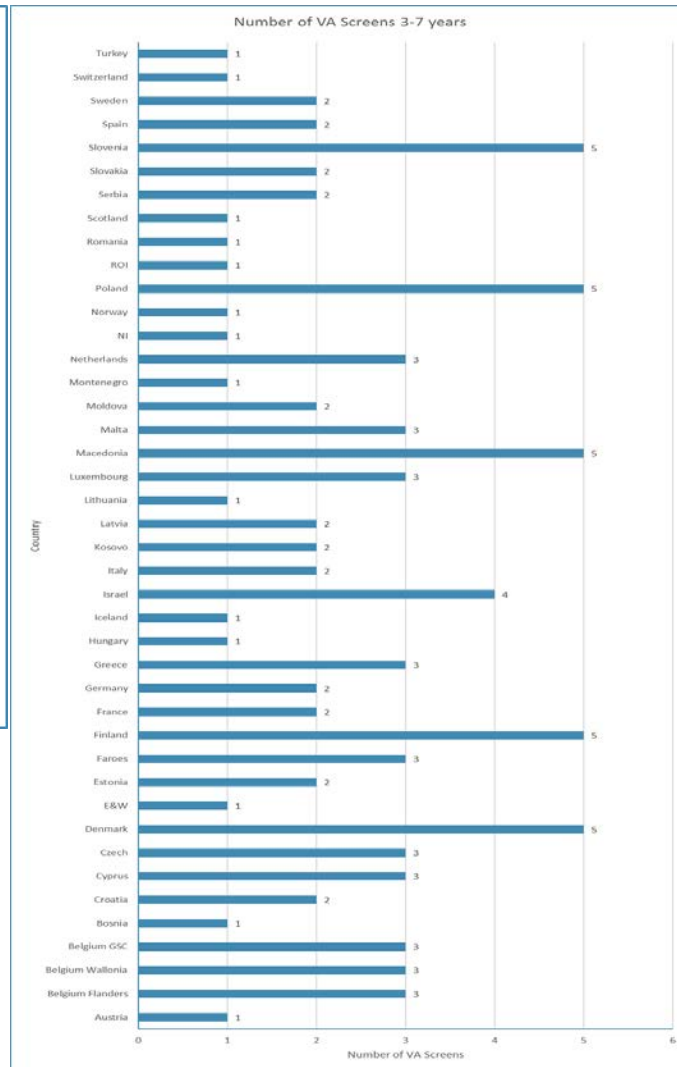
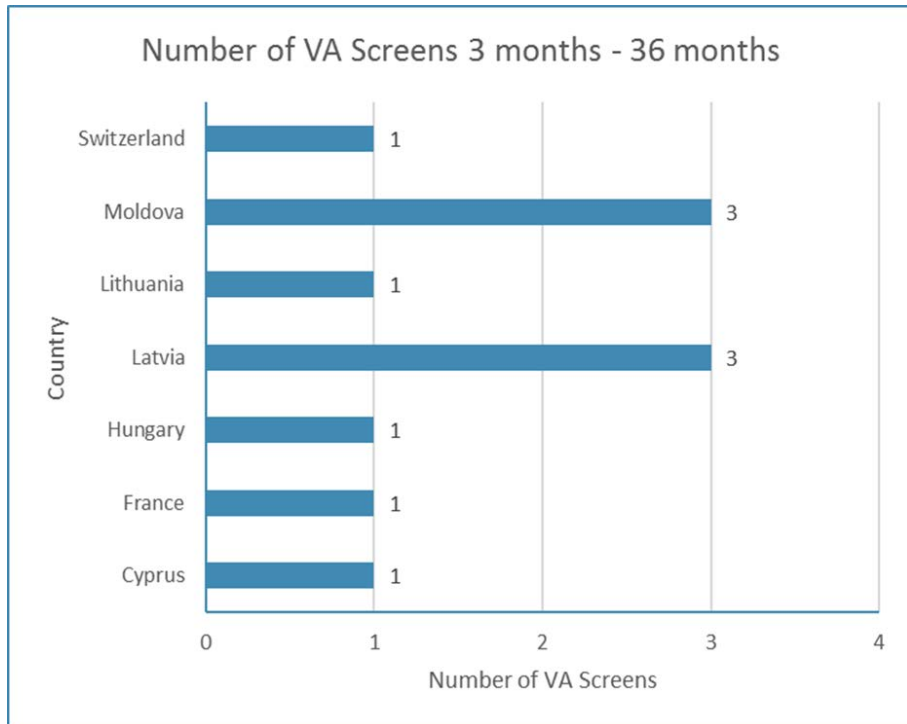


VA Screening



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VA: frequency screened



VA: Plus Additional Tests

Age 36 months to 7 years

Cover test

Hirschberg test

Ocular movements

Prism reflex test

Stereotests – many types

Colour vision

Pupil reflexes

Ophthalmoscopy

Autorefractometry

Prevalence



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Prevalence data: 27/41 countries

Country	Treated or untreated amblyopia	Persistent amblyopia	Strabismus	Cataract	Country	Treated or untreated amblyopia	Persistent amblyopia	Strabismus	Cataract
Bulgaria	2.50%	No data	No data	No data	Italy	2%	1%	2%	No data
Croatia	8.1%	No data	No data	No data	Kosovo	No data	No data	0.40%	No data
Cyprus	2-4%	<1%	3%	No data	Luxembourg	No data	No data	1.6%	No data
Czech	2.5%	2%	0.8%	No data	Malta	No data	No data	2.5-3%	No data
Denmark	No data 1.44% at 20y	No data	2.6%	No data	Netherlands	3.4%	0.8%	1.6-1.8%	0.40%
E&W	2.3-2.4%	No data	3.6%	No data	NI	3.39%	No data	3%	No data
Estonia	2-4%	No data	No data	No data	Poland	3%	1%	5%	No data
Faroes	2.1%	No data	No data	No data	Serbia	2%	0.5%	2.5%	No data
Finland	No data	No data	No data	0.00027%	Slovakia	20%	No data	15%	No data
France	5%	<1%	5%	No data	Slovenia	3-5%	<1%	2-3%	No data
Germany	No data	No data 5.6% in adults age 35-44	4.10%	No data	Sweden	0.7%	0.20%	3.5%	No data
Hungary	2-3%	No data	4%	0.06%	Switzerland	2-4%	2%	2-4%	No data
Iceland	No data	No data	No data	No data	Turkey	3-4%	0.02%	No data	No data
Israel	No data 1.0% by 16y	No data	0.89%	0.09%					

lower MIC

upper MIC

HIC

Coverage



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Country	Coverage	Country	Coverage
Austria	90%	Iceland	95%
Belgium	Preschool: Wallonia - 58% Flanders - 85% , GSC - 70 % School age: All regions - 99% -100%	Israel	95-99%
Bulgaria	45%	Netherlands	84-100%
Croatia	100%	NI	80%
Cyprus	80-90%	Scotland	84%
Czech	100%	Serbia	3-4 years: 35% 7 years: 100%
Denmark	90-100%	Slovakia	99-100%
England & Wales	70-100%	Sweden	99%
Faroes	73%	Switzerland	80-90%

Costs of screening



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Country	Cost	Country	Cost
Bosnia	€50	Malta	€12-15
Croatia	€13	NI	€8.88 - 14.98
Cyprus	Public: Not known Private: €10-40	Poland	€4.5
Denmark	€23.80	ROI	€24.59 - 29.10
Faroes	€18.75	Romania	€2.11
Finland	€50 specialised - nurse €104 - GP	Slovenia	€20 - 25
Germany	€21	Switzerland	€44 - 131
Latvia	€19	Turkey	€10 - 50

Conclusions



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