

OSH BAROMETER

Country Report

Country Report Index

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Introduction General information

The development and provision of the OSH BAROMETER — Status of Occupational Safety and Health in Europe is a long-term activity of the European Commission's Directorate-General for Employment, Social Affairs and Inclusion (DG Employment, Social Affairs and Inclusion) and the European Agency for Safety and Health at Work (EU-OSHA). It aims to provide up-to-date online information for all interested parties and stakeholders about the status of OSH in the European Union.

The overall objective of this activity is to design and develop a reliable and stable information system on OSH in Europe, based on data from the relevant national and European data providers. From 2016 to 2018, two contractors of DG Employment, Social Affairs and Inclusion (Kooperationsstelle Hamburg IFE and Eurogip) developed the structure of the system, collected data for a selected number of indicators and assessed their reliability.

EU-OSHA will contribute to the establishment and maintenance of the **OSH BAROMETER** by designing and running the data visualisation tool, ensuring data quality in cooperation with key data providers and stakeholders, and feeding in the quantitative and qualitative data in close collaboration with EU institutions and Member State Contact Points. As part of its activity **'EU OSH INFO System'**, EU-OSHA will publish an analytical report, based on the collected data, every 3 years.

The **OSH BAROMETER** uses the following data sources:

- Eurostat: data on economy, sectors, population, and employment
- Eurostat: Labour Force Survey (LFS), particularly the ad hoc module from 2013: 'Accidents at work and other work-related health problems'
- Eurostat: European Union Survey on Income and Living Conditions (EU-SILC)
- Eurofound: European Working Conditions Survey (EWCS)
- EU-OSHA: European Survey of Enterprises' New and Emerging Risks (ESENER) 2014
- European Commission, DG Employment, Social Affairs and Inclusion: several reports and studies
- Senior Labour Inspectors Committee (SLIC): non-confidential country evaluations
- National contact points in Member States: national data and descriptions
- EU-OSHA focal points/EU-OSHA: descriptions of the national OSH Systems in OSHwiki
- comprehensive reports from national or European sources

This methodology contains a compilation of all references and data sources that were used to provide texts, diagrams and tables, and in some cases additional explanations.

In most cases we provide the following data:

- · the indicator and diagram/table/description title
- · a short description of the data evaluation and visualisation approach
- · exact source with name and link
- the period of reference (year/period) and the last update
- the coverage of Member States and other countries
- · filter options or selection criteria of the source
- · the measuring unit
- · any calculation that EU-OSHA performed based on the original data
- · visualisation basics
- other useful explanations and additional comments

Generic information OSH authorities

This indicator is an overview of OSH authorities and relevant OSH institutions in the different Member States and at EU level.

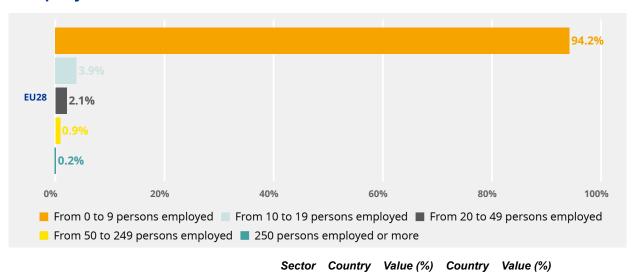
For further information refer to Methodology

Generic information Economic and sector profile

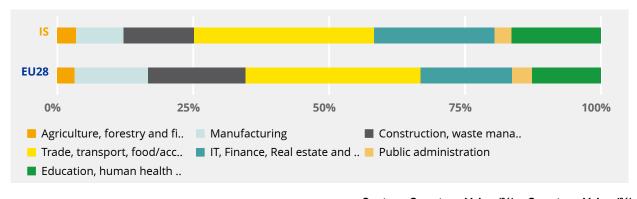
The indicator 'Economic and sector profile' displays relevant data on the economy and sectoral structure of the EU and its Member States, e.g. percentages of company size, employment per sector and information on gross domestic product. Note: Not all data is available for every country.

Source: EUROSTAT. For further information refer to Methodology

Company size

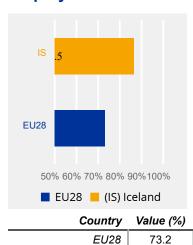


Employment per sector



Sector	Country	Value (%)	Country	Value (%)	
Agriculture, forestry and fishing	IS	3.4	EU28	3.2	
Manufacturing	IS	8.8	EU28	13.5	
Construction, waste management, water and electricity supply	IS	13	EU28	18	
Trade, transport, food/accommodation and recreation activities	IS	33.1	EU28	32.1	
IT, Finance, Real estate and other technical scientific or personal service	IS	22.1	EU28	16.9	
activities					
Public administration	IS	3.2	EU28	3.7	
Education, human health and social work activities	IS	16.4	EU28	12.7	

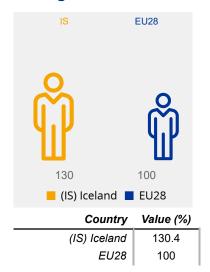
Employment rate



(IS) Iceland

86.5

GDP per capita in relation to EU28 average



Income per capita



Country	<u>Year</u>	Income
EU28	2010	14841
EU28	2018	17383

Generic information Workforce profile

This indicator includes a few key data on ageing workers and the workforce: median age, employment rate of different age groups, total and sex.

Source: EUROSTAT. For further information refer to Methodology

	Median age of population:	Employment rate (55 - 64):	Employment rate (female):	Employment rate (male):	Employment rate (total):	Unemployment rate:
EU28	43.3 years	<i>58.7</i> %	67.4 %	79 %	73.2 %	6.8 %
-	Median age of population:	Employment rate (55 - 64):	Employment rate (female):	Employment rate (male):	Employment rate (total):	Unemployment rate:
IS	36.4 years	80.7 %	83.2 %	89.5 %	86.5 %	2.7 %

Steering of OSH National strategies

National strategies are well known as a policy instrument to enhance the effectiveness of an OSH system through the collaborative and smart use of resources. They include approaches such as priority setting, prior action defining and action plans. You will find here a short harmonised description of current national strategies based on the full mapping report of EU-OSHA on national strategies (December 2017) plus later updates as received from Member States.

For further information refer to Methodology



Structure of each National strategy

Basic information
Background
Characteristics and objectives
Details and activity
Actors and stakeholders
Resources and timeframe
Evaluation
Relation to EU Strategic Framework
Response of national strategies to EU challenges

No information available

Steering of OSH Social dialogue

This indicator consists of text-based descriptions of the social dialogue plus quantitative data, e.g. responses to ESENER 2019 questions. Note: When no data is available for the indicator displayed, '-' will appear.

For further information refer to Methodology



8%

Joint consultative, employment forum or similar

53 %

Health and safety representative

56%

Trade union representation

30%

Health and safety committee



24%

Joint consultative, employment forum or similar

57 %

Health and safety representative

19%

Trade union representation

23%

Health and safety committee

OSH outcomes and working conditions Work accidents

This indicator consists of two data sets: trends in non-fatal work accidents from 2010, and fatal work accidents (Eurostat data).

For further information refer to For further information refer to Methodology

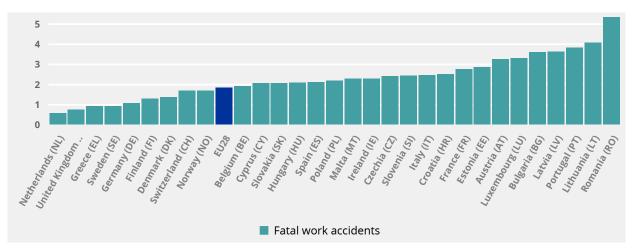
Non-fatal work accidents



The diagram shows the development of non-fatal work accidents between 2010 until the latest available year. The year 2010 has been set as baseline (2010 = 100). The country lines and the EU line (dark blue) show the trend as percentage of the value of this base year.

Country	Year	Value (%)	Country	Year	Value (%)
EU28	2010	100	EU28	2014	89.9
EU28	2011	95.3	EU28	2015	89.7
EU28	2012	88.4	EU28	2016	91.7
EU28	2013	87.3	EU28	2017	93.3

Fatal work accidents



This diagram shows the number of fatal accidents for every Member State per 100,000 employees. The EU average was 1,85 accidents per 100,000 employees in the period 2010-2017. The source of the data is the incidence rate as published by Eurostat.

 Country Value (accide	
EU28	1.9

OSH outcomes and working conditions Health perception of the workers

This indicator contains six data sets based on responses in the European Working Conditions Survey (EWCS) 2015 from Eurofound and the Labour Force Survey 2013 from Eurostat. Every 8 years this survey has an ad hoc module on OSH-related questions. All data are from the latest OSH ad hoc module. Note: When no data is available for the indicator displayed, '-' will appear.

For further information refer to Methodology



86%

Satisfaction with working conditions

8%

Health problem in the last 12 months

42 % null

25%

Health affected by work

8%

More than 15 days of absence

73%

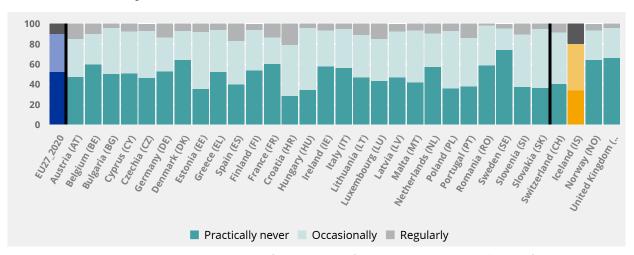
Likelihood of staying in current job until 60 years old

OSH outcomes and working conditions OSH culture and health awareness

This indicator provides data on typical aspects of OSH culture and health awareness such as sickness absence analysis, existence of prevention plans, or the implementation of measures for better safety and health. Note: Percentages might not total 100% because of rounding.

Sources: ESENER 2019 Survey and European Working Conditions Survey 2015 (EWCS). For further information refer to Methodology

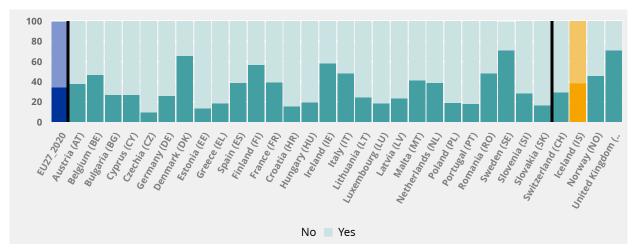
Health and safety discussed



The diagram presents the responses in the ESENER 2019 Survey to the question: "How often is health and safety discussed between employee representatives and the management? Do such discussions take place regularly, only when particular health and safety issues arise or not at all?"

Country	Practically never (%)	Occasionally (%)	Regularly (%)
EU27_2020	10	37.5	52.4
Iceland (IS)	20.1	45.8	34.1

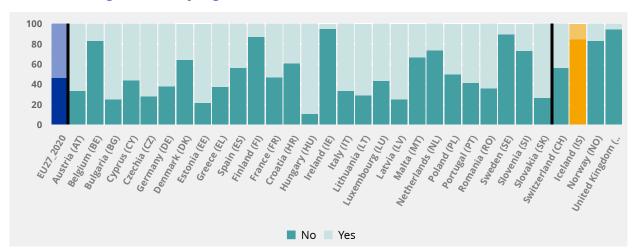
Action plan to prevent stress



The diagram presents the responses in the ESENER 2019 Survey to the question: "Does your establishment have an action plan to prevent work-related stress?"

Country	Yes (%)	No (%)
EU27_2020	34.6	65.4
Iceland (IS)	38.3	61.7

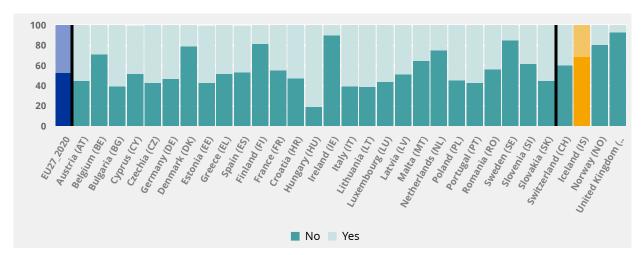
Procedure against bullying



The diagram presents the responses in the ESENER 2019 Survey to the question: "Does your establishment have an action plan to prevent work-related stress?"

Country	Yes (%)	No (%)
EU27_2020	46.3	53.7
Iceland (IS)	84.7	15.3

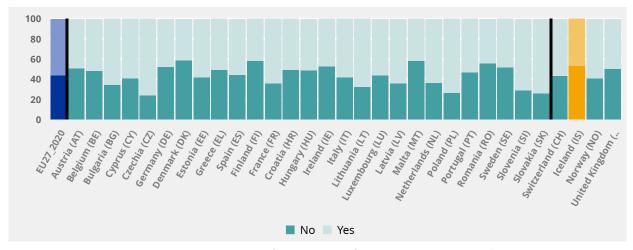
Procedures to deal with threats



The diagram presents the responses in the ESENER 2019 Survey to the question: "Is there a procedure in place to deal with possible cases of bullying or harassment?"

Country	Yes (%)	No (%)
EU27_2020	52.6	47.4
Iceland (IS)	68.5	31.5

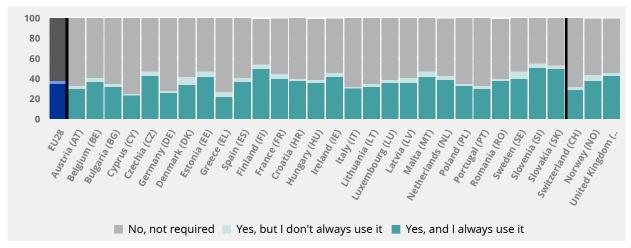
Measures to reduce work pressure



The diagram presents the responses in the ESENER 2019 Survey to the question: "Is there a procedure to deal with possible cases of threats, abuse or assaults by clients, patients pupils or members in public?"

Country	Yes (%)	No (%)
EU27_2020	44.1	55.9
Iceland (IS)	53.2	46.8

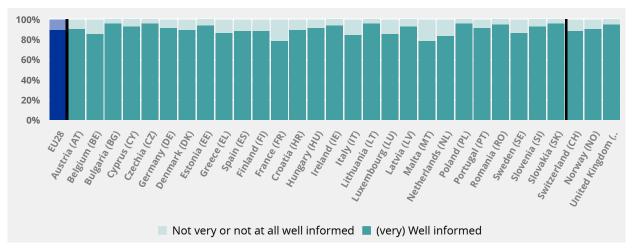
Use of personal protective equipment



The diagram is based on the ESENER 2019 Survey. It presents one of the possible responses to the question: "In the last 3 years, has your establishment used any of the following measures to prevent psychosocial risks?" The diagram shows the response to the following answer option: "Reorganisation of work in order to reduce job demands and work pressure"

Country	No, not required (%)	Yes, but not required (%)	Yes and always (%)
EU28	62	3	35
IS	0	0	0

Information about risks



The diagram presents the responses in the European Working Conditions Survey 2015 (EWCS) to the question: "Does your job ever require that you wear personal protective equipment and do you use it?"

Country	/ Yes (%)	No (%)
EU28	90	10

OSH outcomes and working conditions Working conditions

This indicator provides data on typical aspects of OSH culture and health awareness such as sickness absence analysis, existence of prevention plans, or the implementation of measures for better safety and health. Note: Percentages might not total 100% because of rounding.

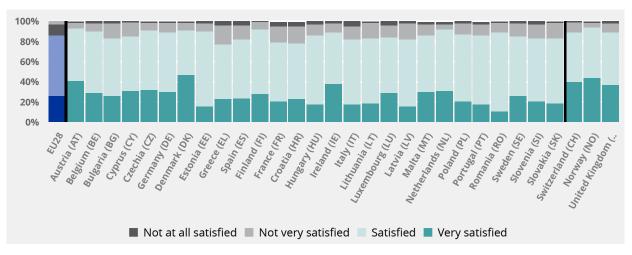
Sources: ESENER 2019 Survey and European Working Conditions Survey 2015 (EWCS). For further information refer to Methodology

Overall opinion

This topic displays data on the workers' overall general assessment of risks and their overall satisfaction with working conditions. Note: Percentages might not total 100% because of rounding.

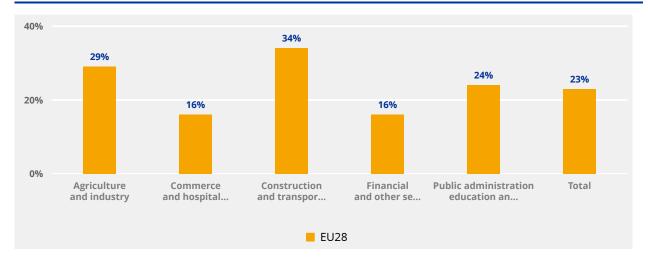
Source: European Working Conditions Survey 2015 (EWCS). For further information refer to Methodology

Job satisfaction



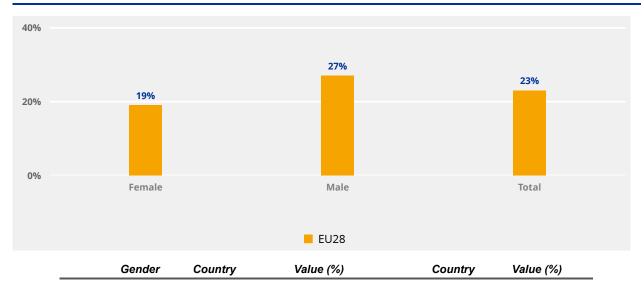
Country	Not at all satisfied (%)	Not very satisfied (%)	Satisfied (%)	Very satisfied (%)
EU28	3	11	26	0
IS	0	0	0	0

Health at risk - Sector

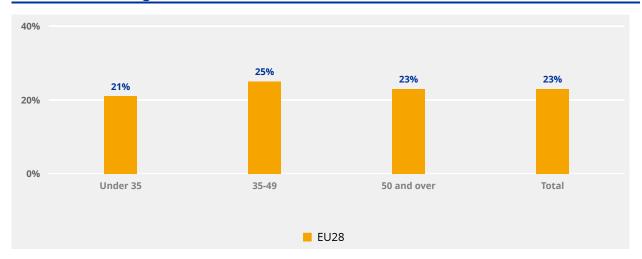


Sector	Country	Value (%)	Country	Value (%)	
Agriculture and industry	EU28	29	EU28	16	
Commerce and hospitality	EU28	16	EU28	24	
Construction and transport	EU28	34	EU28	23	

Health at risk - Gender



Health at risk - Age



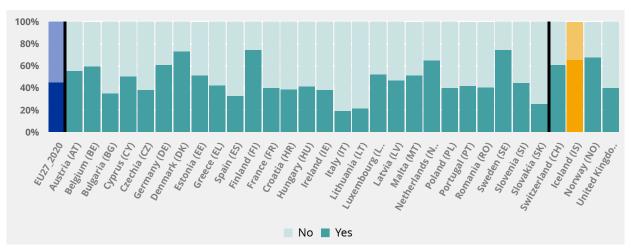
Age	Country	Value (%)	Country	Value (%)
Under 35	EU28	21	EU28	23
35-49	EU28	25	EU28	23

Mental risk

This topic displays data from surveys on certain important aspects of mental risks such as time pressure, poor communication or cooperation, employees' lack of influence, job insecurity, difficult customers or clients, long or irregular working hours and discrimination. Note: Percentages might not total 100% because of rounding.

Sources: ESENER 2019 Survey and European Working Conditions Survey 2015 (EWCS). For further information refer to Methodology

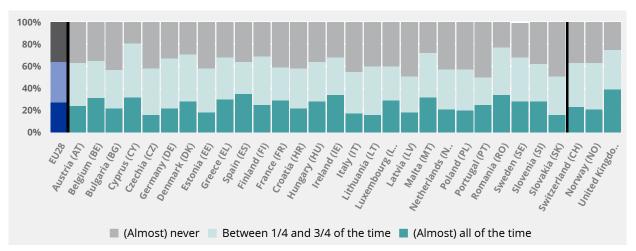
Time pressure - ESENER



The diagram is based on the ESENER 2019 Survey. It presents one of the possible responses to the question: "Please tell me for each of the following risks whether or not it is present in the establishment?" The diagram shows the response to the following answer option: "Time pressure".

Country	Yes (%)	No (%)
EU27_2020	45.1	54.9
Iceland (IS)	65.6	34.4

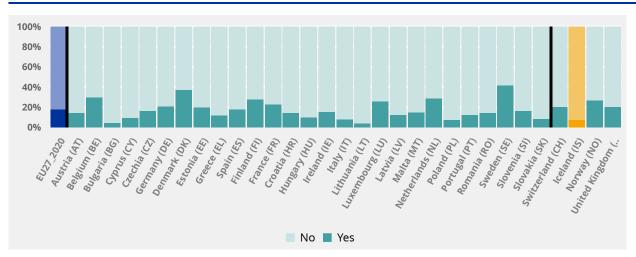
Time pressure - EWCS



The diagram presents the responses in the European Working Conditions Survey 2015 (EWCS) to the question: "Does your job involve working to tight deadlines?"

Countr	y Never (%)	1/4 and 3/4 of the time (%)	All the time (%)
EU2	8 36	37	27
I.	S 0	0	0

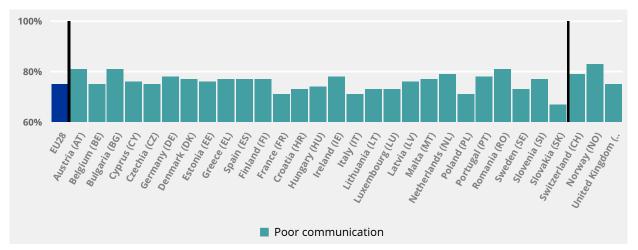
Poor communication - ESENER



The diagram is based on the ESENER 2019 Survey. It presents one of the possible responses to the question: "Please tell me for each of the following risks whether or not it is present in the establishment?" The diagram shows the response to the following answer option: "Poor communication or cooperation."

Country	Yes (%)	_No (%)
EU27_2020	17.9	82.1
Iceland (IS)	7.7	92.3

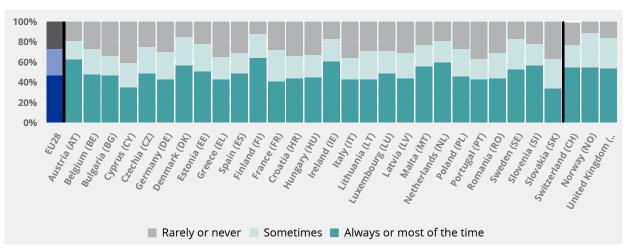
Poor communication - EWCS



The diagram presents a composite indicator "Level of fairness, cooperation and trust" based on responses to a number of questions in the European Working Conditions Survey 2015 (EWCS).

Country	Value (%)
EU28	75

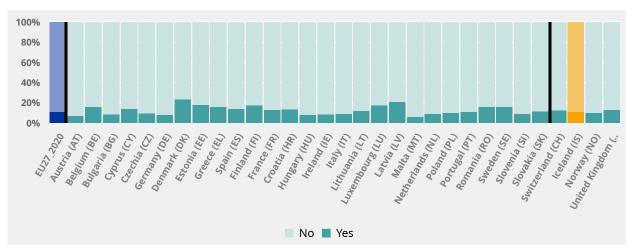
Influence



The diagram presents the responses in the European Working Conditions Survey 2015 (EWCS) to the question: "Can you influence decisions that are important for your work?"

Country	Rarely or never (%)	Sometimes (%)	Always or most of the time (%)
EU28	27	26	47
IS	0	0	0

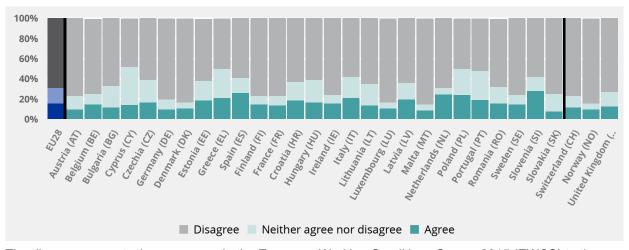
Fear of job loss - ESENER



The diagram is based on the ESENER 2019 Survey. It presents one of the possible responses to the question: "Please tell me for each of the following risks whether or not it is present in the establishment?" The diagram shows the response to the following answer option: "Fear of job loss."

Country	Yes (%)	No (%)
EU27_2020	11.1	88.9
Iceland (IS)	11	89

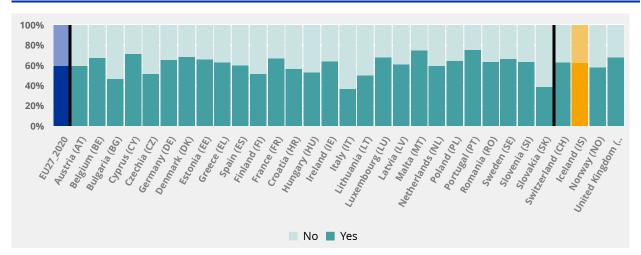
Fear of job loss - EWCS



The diagram presents the responses in the European Working Conditions Survey 2015 (EWCS) to the question: "I might lose my job in the next 6 months"

Country	Disagree (%)	Neither agree or disagree (%)	Agree (%)	
EU28	69	15	16	
IS	0	0	0	

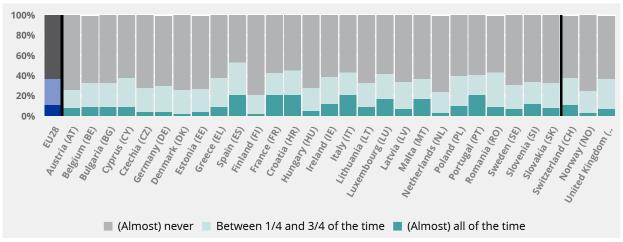
Difficult clients - ESENER



The diagram is based on the ESENER 2019 Survey. It presents one of the possible responses to the question: "Please tell me for each of the following risks whether or not it is present in the establishment?" The diagram shows the response to the following answer option: "Having to deal with difficult customers, patients, pupils etc".

Country	Yes (%)	No (%)
EU27_2020	59.7	40.3
Iceland (IS)	62.5	37.5

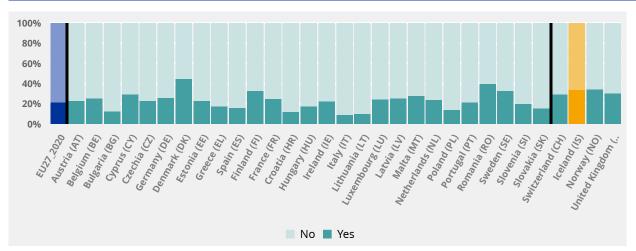
Difficult clients - EWCS



The diagram presents the responses in the European Working Conditions Survey 2015 (EWCS) to the question: "Does your work involve handling angry clients?"

Country	Never (%)	1/4 and 3/4 of the time (%)	All the time (%)
EU28	63	26	11
IS	0	0	0

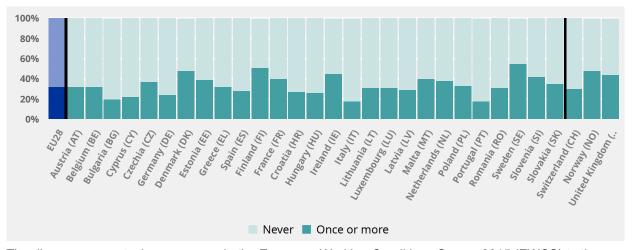
Working hours - ESENER



The diagram is based on the ESENER 2019 Survey. It presents one of the possible responses to the question: "Please tell me for each of the following risks whether or not it is present in the establishment?" The diagram shows the response to the following answer option: "Long or irregular working hours."

Country	Yes (%)	No (%)
EU27_2020	21.5	78.5
Iceland (IS)	34.1	65.9

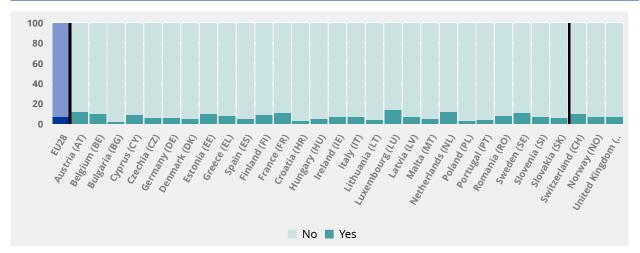
Working hours - EWCS



The diagram presents the responses in the European Working Conditions Survey 2015 (EWCS) to the question: "How many times a month do you work more than 10 hours a day?"

 Country	Yes (%)	No (%)
EU28	32	68

Discrimination



The diagram presents the responses in the European Working Conditions Survey 2015 (EWCS) to the question: "Have you been subjected to discrimination at work in the last 12 months?"

 Country	Yes (%)	No (%)
EU28	7	93

Physical risk

This topic displays data on exposure to chemical and biological substances, exposure to noise, vibrations and high or low temperatures, and working tasks involving carrying, lifting or work in tiring or painful positions.

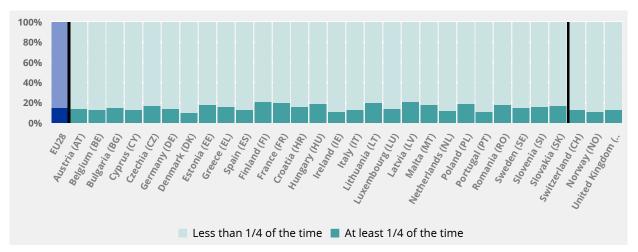
Sources: ESENER 2019 Survey and European Working Conditions Survey 2015 (EWCS). For further information refer to Methodology

Vibrations, loud noise and temperature

Indicator	Country	Value (%)
Vibrations from tools or machinery	EU28	20
Loud noise	EU28	28
High temperatures	EU28	23
Low temperatures	EU28	21

Exposure to dangerous substances

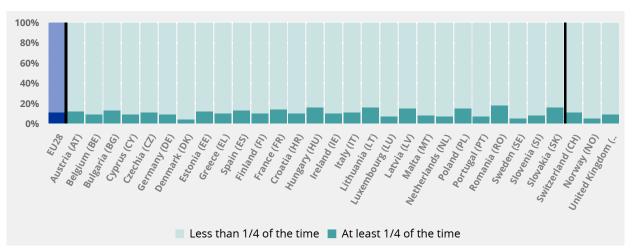
Smoke, powder or dust



The diagram presents the responses in the European Working Conditions Survey 2015 (EWCS) to the question: "Are you exposed to breathing in smoke, fumes, powder or dust?"

Country	Lees than ¼ of the time (%)	At least ¼ of the time (%)
EU28	85	15

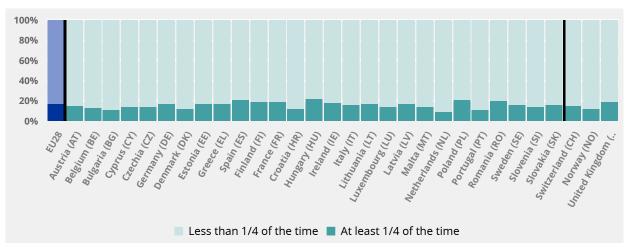
Vapours



The diagram presents the responses in the European Working Conditions Survey 2015 (EWCS) to the question: "Are you exposed to breathing in vapours?"

Country	Lees than ¼ of the time (%)	At least ¼ of the time (%)
EU28	89	11

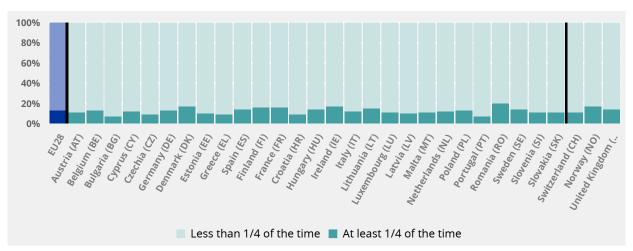
Chemical products



The diagram presents the responses in the European Working Conditions Survey 2015 (EWCS) to the question: "Are you exposed to chemical products or substances?"

Country	Lees than 1/4 of the time (%)	At leas ¼ of the time (%)	
EU28	83	17	

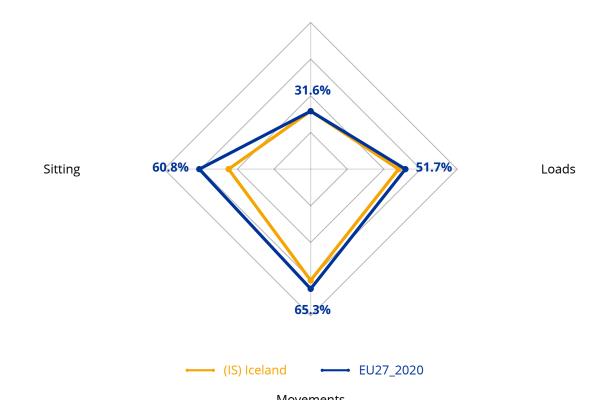
Infectious materials



The diagram presents the responses in the European Working Conditions Survey 2015 (EWCS) to the question: "Are you exposed to materials which can be infectious?"

Country	Lees than ¼ of the time (%)	At leas ¼ of the time (%)
EU28	87	13

Ergonomic risks - ESENER



Indicator	Country	Value (%)
Positions	EU27_2020	31.6
Loads	EU27_2020	51.7
Movements	EU27_2020	65.3
Sitting	EU27_2020	60.8
Positions	(IS) Iceland	31.7
Loads	(IS) Iceland	48
Movements	(IS) Iceland	60.7
Sitting	(IS) Iceland	44.8

Ergonomic risks - EWCS

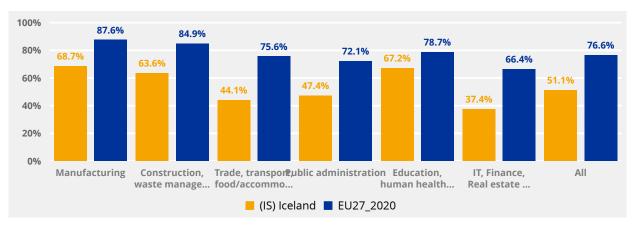
Indicator	Country	Value (%)
Positions	EU28	43
Sitting	EU28	58
Loads	EU28	32
Movements	EU28	61
Lifting and moving	EU28	10

OSH outcomes and working conditions Prevention in companies

This indicator visualises data on how OSH is implemented on company/enterprise level, mainly focusing on risk assessment, related questions and OSH training for workers.

Source: ESENER 2019 Survey. For further information refer to Methodology

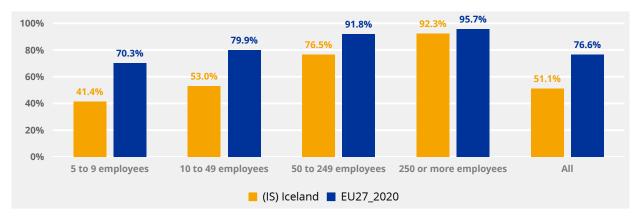
Risk Assessment - Sector



The diagram displays 'yes' the responses in the ESENER 2019 Survey - by Member State and sector - to the question : "Does your establishment regularly carry out workplace risk assessments?"

Sector	Country	Value (%)	Country	Value (%)
	(IS) Iceland	68.7	EU27_2020	87.6
Construction, waste management, water and electricity supply	(IS) Iceland	63.6	EU27_2020	84.9
Trade, transport, food/accommodation and recreation activities	(IS) Iceland	44.1	EU27_2020	75.6
Public administration	(IS) Iceland	47.4	EU27_2020	72.1
Education, human health and social work activities	(IS) Iceland	67.2	EU27_2020	78.7
IT, Finance, Real estate and other technical scientific or personal	(IS) Iceland	37.4	EU27_2020	66.4
service activities				
All	(IS) Iceland	51.1	EU27_2020	76.6

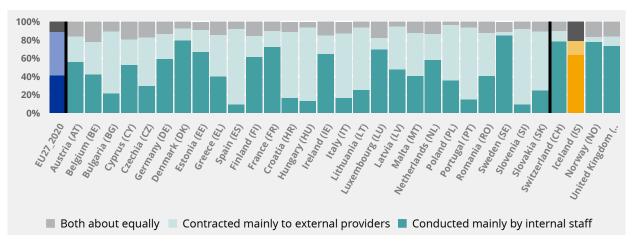
Risk Assessment - Establishment size



The diagram presents the 'yes' responses in the ESENER 2019 Survey - by Member State and company size - to the question : "Does your establishment regularly carry out workplace risk assessments?"

Sector	Country	Value (%)	Country	Value (%)
5 to 9 employees	(IS) Iceland	41.4	EU27_2020	70.3
10 to 49 employees	(IS) Iceland	53	EU27_2020	79.9
50 to 249 employees	(IS) Iceland	76.5	EU27_2020	91.8
250 or more employees	(IS) Iceland	92.3	EU27_2020	95.7
All	(IS) Iceland	51.1	EU27_2020	76.6

Internal or external RA



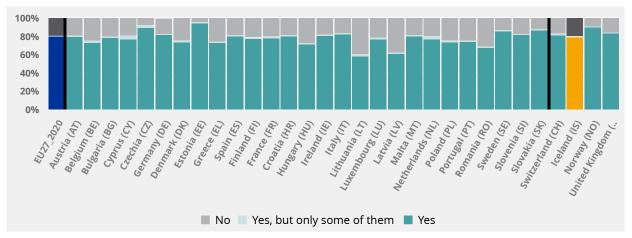
The diagram displays the responses in the ESENER 2019 Survey to the question: "Are workplace risk assessments mainly conducted by internal staff or are they contracted to external service providers?"

Country	Both about equal (%)	External (%)	Internal (%)
EU27_2020	11.2	47.1	41.7
Iceland (IS)	21	15.3	63.7

Evaluated aspects in risk assessments

Responses to Evaluated aspects can be found in ESENER 2014 Survey in the section OSH Management – Aspects evaluated in the workplace risk assessment. For further information please, check the ESENER methodology.

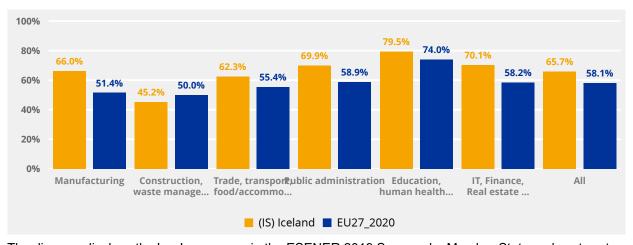
Training in OSH



The diagram displays the responses in the ESENER 2019 Survey to the question: "Are the health and safety representatives provided with any training during work time?". additional information about this indicator can be obtained in ESENER 2019 Survey in the section OSH Management – Lack of information or adequate tools to deal with the risk effectively

Country	No (%)	Yes, but only some of them (%)	Yes (%)
EU27_2020	18.7	1	80.3
Iceland (IS)	19.5	1.2	79.3

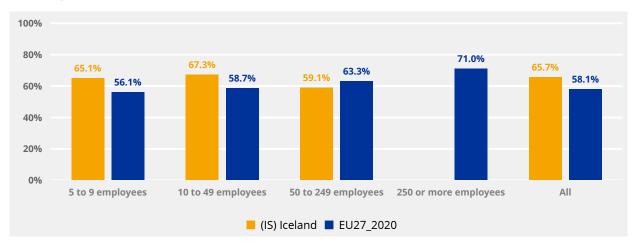
Employees participation in prevention - Sector



The diagram displays the 'yes' responses in the ESENER 2019 Survey - by Member State and sector - to the question : "Did the employees have a role in the design and set-up of measures to address psychosocial risks?"

Sector	Country	Value (%)	Country	Value (%)
Manufacturing	(IS) Iceland	66	EU27_2020	51.4
Construction, waste management, water and electricity supply	(IS) Iceland	45.2	EU27_2020	50
Trade, transport, food/accommodation and recreation activities	(IS) Iceland	62.3	EU27_2020	55.4
Public administration	(IS) Iceland	69.9	EU27_2020	58.9
Education, human health and social work activities	(IS) Iceland	79.5	EU27_2020	74
IT, Finance, Real estate and other technical scientific or personal	(IS) Iceland	70.1	EU27_2020	58.2
service activities				
All	(IS) Iceland	65.7	EU27_2020	58.1

Employees participation in prevention - Establishment size



The diagram displays the 'yes' responses in the ESENER 2019 Survey - by Member State and company size - to the question : "Did the employees have a role in the design and set-up of measures to address psychosocial risks?"

Sector	Country	Value (%)	Country	Value (%)
5 to 9 employees	(IS) Iceland	65.1	EU27_2020	56.1
10 to 49 employees	(IS) Iceland	67.3	EU27_2020	58.7
50 to 249 employees	(IS) Iceland	59.1	EU27_2020	63.3
250 or more employees	(IS) Iceland	0	EU27_2020	71
AII	(IS) Iceland	65.7	EU27_2020	58.1

OSH outcomes and working conditions Worker involvement

This section displays mainly quantitative data that show how workers are represented at company level and how they are involved in the prevention policy of the companies.

Sources: ESENER 2019 Survey and European Working Conditions Survey 2015 (EWCS). For further information refer to Methodology

Worker involvement

ESENER

EWCS

Sector	Country	Value (%)
Employee meetings	EU28	55
Representation of employees	EU28	50
H&S delegate or committee	EU28	58

OSH infrastructure Enforcement capacity

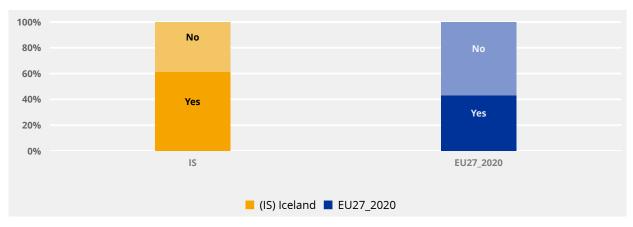
This indicator mainly contains the non-confidential parts of Senior Labour Inspectors Committee reports about enforcement in Member States

Sources: ESENER 2019 Survey and Senior Labour Inspectors' Committee.

For further information refer to Methodology

% of establishments inspected

Have you been visited by the labour inspectorate in the last 3 years?



Country	Yes (%)	No (%)
(IS) Iceland	61.3	38.7
EU27_2020	43.2	56.8

Authority

Link to the institute

Short abstract

The HSL — the national institute for occupational safety and health research — was originally set up as HSE's laboratory to minimise risks to people's health and safety at work. Today, while continuing to support the HSE, the HSL now works with a wide range of other public and private sector organisations, often conducting detailed and bespoke research and development work on their behalf. The HSL's primary role is to provide investigative work and services arising from HSE's day-to-day operations, which often require a rapid multidisciplinary response. The HSE maintains a dedicated horizon-scanning team, based at the HSL, to keep the health and safety consequences arising from new trends in science and technology under review. The HSL is also a World Health Organisation (WHO) Collaborating Centre in Occupational Health.

See more in OSHWiki

Scope of the Labor Inspection

Occupational diseases and work-related diseases in 2014, estonia

Inspector powers

Data holder:

Health Board of Estonia

Functionalities:

• Monitoring of work-related illness - annually

Strategy/Plan

The Work Environment

OSH infrastructure OSH statistics, surveys and research

Here you will find a comprehensive overview of availability of OSH statistics and surveys on working conditions and research capacities in the different Member States and the EU.

For further information refer to Methodology