

The Architectural Profession in Europe

2022 Sector Study

aiCE



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Foreword

The ACE Sector Study is the only Europe-wide survey that shows a comprehensive picture of the profession and the architectural market.

Architecture as a driver for a better future

In view of climate change, scarcity of resources and the energy crisis, Europe wants to become the first climate neutral continent by 2050. To achieve this transformation, the EU is explicitly addressing the built/living environment as part of a broader climate change and resilience strategy. In combination with the New European Bauhaus (NEB) the quality of the built and non-built environment must be in the centre of the transformation.

The future of the building sector lies in a new culture of conversion. As with the operation of buildings, both construction and use of materials contribute to greenhouse gas emissions and energy consumption, at a rate that exceeds the transport sector. The change in the building stock concerns architecture, urban fabric and infrastructure in both cities and rural areas. At the same time, a new, contemporary design language is emerging from the examination of existing buildings, which can create the Baukultur of tomorrow.

“Architects are highly engaged; they are well equipped and their work contributes significantly to the changes needed in Europe.”

Architects – Dynamic, Digital and Sustainable.

Since 2020, the contribution of architects' private practices to Europe's economy has risen by 24 per cent. It is a dynamic profession as office structures adapt to changing economical situations. The number of practices increased by 20 per cent this year, to an estimated 150.000. This more than compensates for the fall recorded in the last survey, in 2020. 21 per cent of practitioners have been educated in a country other than that in which they practice. Nevertheless 92 per cent of the offices in Europe have only 1-5 staff. This seems to

fit to the requirements of clients. Half of architects say they use 3D modelling tools “frequently” and a quarter use BIM tools, showing that architecture is an increasingly digital profession. Consequently, architects are developing their knowledge to enhance their competences and embrace environmental sustainability. The sector spends an average of 20 hours per year undertaking CPD and nearly half of architects use sustainable concepts “frequently” to design low energy buildings.

Ruth Schagemann

ACE President



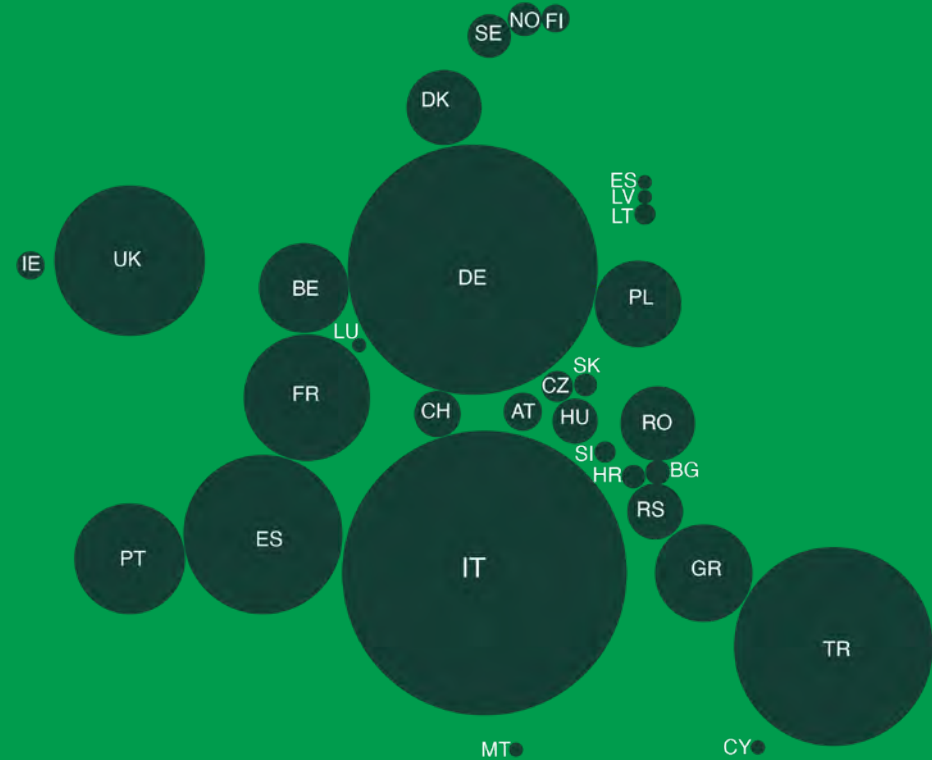
620 000 architects in Europe

Numbers continue to grow

This equates to one architect for every 1 000 people in Europe

Italy, Germany and Turkey dominate

More than half of Europe's architects are from just three countries



Architects produce €21 billion worth of work

Architects contribute €21 billion to Europe's economy

Total value of private practice fee income.
Up by 24% since 2020.

Sustainable architecture

46% of architects 'frequently' design Low Energy buildings.

Private housing is the most important sector

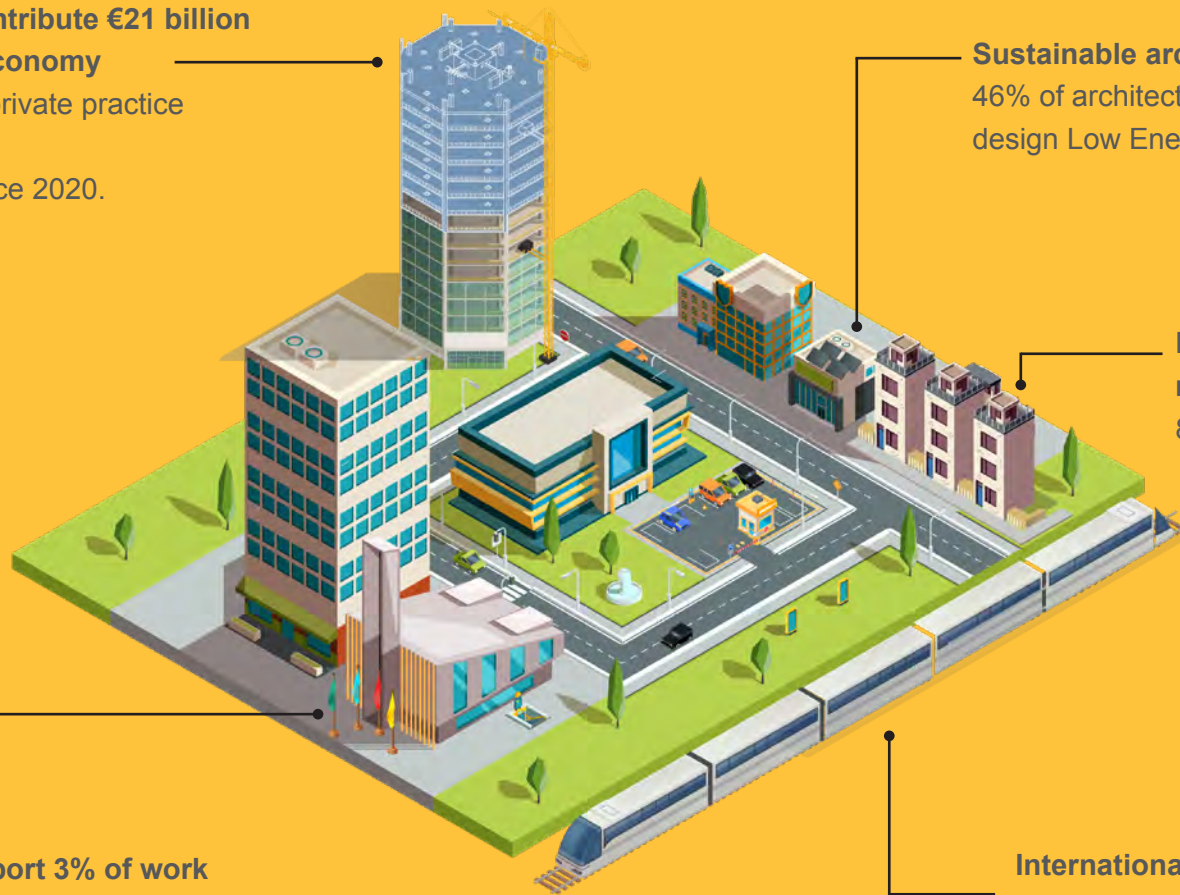
89% of architectural practices are involved in designing private housing which provides 56% of average practice turnover.

Architects export 3% of work

Proportion of work which is international.

International perspective

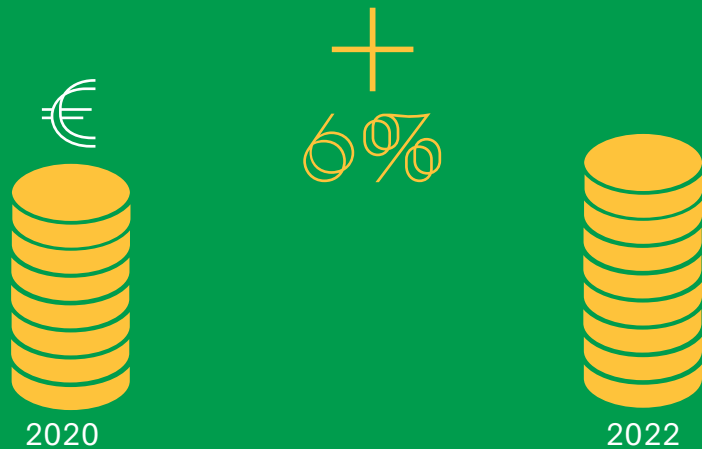
21% of architects were educated in another country. 19% have seriously considered working in another country.



Profession recovers after the pandemic

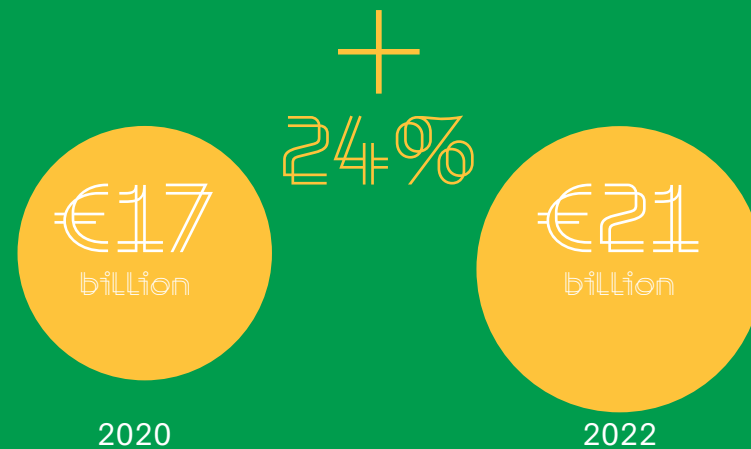
Salaries 6% higher

Average earnings have increased for most employment types since 2020.



Market size has increased

A big increase in the number of practices since 2020 accompanied by rising turnover. Total market size is 24% larger than in 2020.



Architects have returned to full-time work

Part-time working has fallen full-time is at the highest level recorded.



Few architects are unemployed/not working

Unemployment of 7% in 2020 has tumbled to 2% now. This is one of the lowest rates ever recorded.



A growing and changing profession

100 000 more architects in the last ten years

The growth in numbers continues.

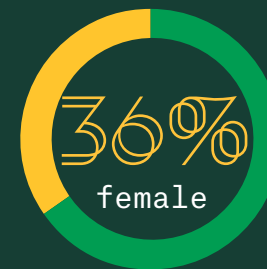


Male/female split is becoming more equal

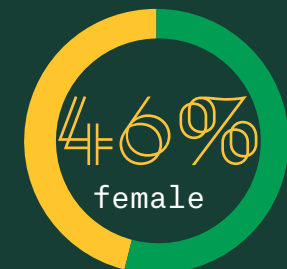
The profession is becoming more balanced.



2012



2022



Gender pay gap exists but is becoming smaller

This year's gender pay gap is 17% almost half what it was ten years ago.

Definitions

Architects

Persons who are recognised as Architects under the European Union Professional Qualifications Directive and professionally and academically qualified and generally registered / licensed / recognised to practice architecture in the jurisdiction in which they are residing.

Architectural students

Full-time or part-time students following a recognised course of architectural studies leading to a qualification listed in Annex V7 of the Qualifications Directive (2013/55/EC).

Architectural Staff

Comprises Principals; Partners & Directors; Associates; Architects; Technical staff.

Architectural Practices

The form or structure through which architects practice the architectural profession. It includes sole principals partnerships and limited companies.

Sole Principal

An Architect working independently who provides a full range of architectural services to clients.

Turnover

The total income earned through the provision of services by an architectural practice in a tax year. Excludes VAT.

Not Economically Active

Not engaged in the practice of architecture or any directly associated activity such as research or teaching. Includes architects who are retired and who are unemployed.

Freelance Architect

An architect who contracts his/her services to an architectural practice or organisation and does not accept commissions directly from clients.

Statistical Definitions:

Confidence Level

The likelihood that the results are real and repeatable and have not occurred randomly. If the Confidence Level is 50% then the results would be random. We select a Confidence Level of 95% which suggests if you repeat this exercise there is a 95% chance you will achieve similar results.

Mean

A type of average where individual data are added together and then divided by the number of pieces of data.

Median

A type of average calculated by placing all individual data in order of magnitude and selecting the middle value.

Quartile

An indication of the bottom or top quarter of the sample calculated by placing all individual data in order of magnitude. The Lower Quartile is the value one quarter of the way up and the Upper Quartile is the value three quarters of the way up this list of data. We have marked countries where accuracy is greater than plus or minus 10 with an asterisk to recommend caution when interpreting the findings. We generally avoid referring to these countries within the text commentary although all countries are included in the charts and maps.

How the ACE Sector Study is produced

Survey Framework

Design questions identify targets
review questions and method.

Data Selection

Member Organisations translate
questionnaire and invite their architect
members to participate in the survey.

Data Collection

Architects across Europe
complete the questionnaire.

Analysis &
Report

Returned data is cleaned.
Data analysis including weighting.
Report writing.

Publishing

Feedback from Member Organisations.
Report published.
ACE Observatory updated.

The ACE Observatory: The Architectural profession in Europe in 'one click'

All the data presented in this report is available online. The ACE Observatory provides a single entry point through which users can search, access and compare a multitude of statistical information regarding European Architects, the architectural market and architectural practices taken from the ACE Sector Studies since 2010.

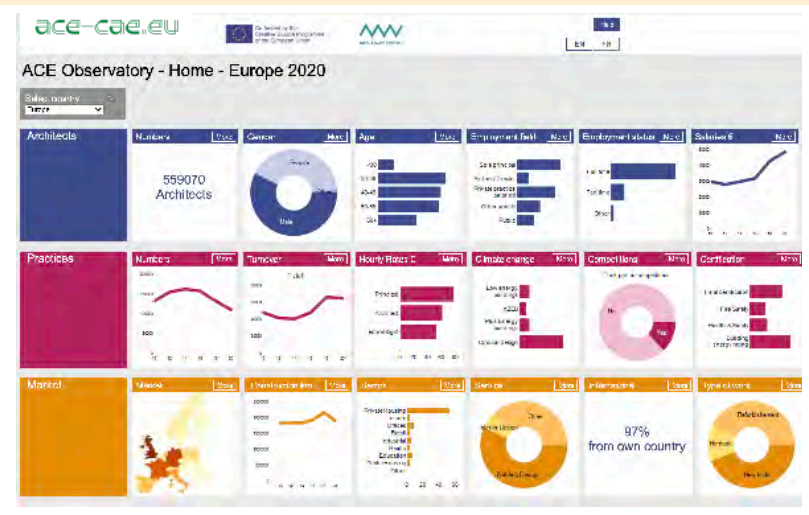
The ACE Observatory has been divided into 3 sections : Architects, Practices and Market. The homepage is an overview of the latest data for Europe.

Each section includes multiple topics. To view more details about each topic click on 'more'.

All data can be interrogated by individual country as well as for the whole of Europe. Some practice data can be viewed by size of practice, architect demographic data can be examined by gender and age.

Home page

Provides a quick overview of all the data across Europe for all topics covered by the Sector Study.



Topic page

Select to view any country from the drop-down

View data for different years

Some topics such as Salaries have further filters to allow selection of data by age gender etc

View and download the data as tables



The ACE Observatory is the perfect way to engage with the large amount of data from this and previous ACE Sector Studies.

www.aceobservatory.com

Use the ACE Observatory to explore the profession by topic and by country.

Architects in Europe



Wadden Sea Centre, Ribe, Denmark
Architect: Dorte Mandrup
Photographer: Adam Mørk



620 000

Total number of architects



46%

Female architects



32%

Aged under 40



82%

Employed full-time



24%

Employees in private practice



47%

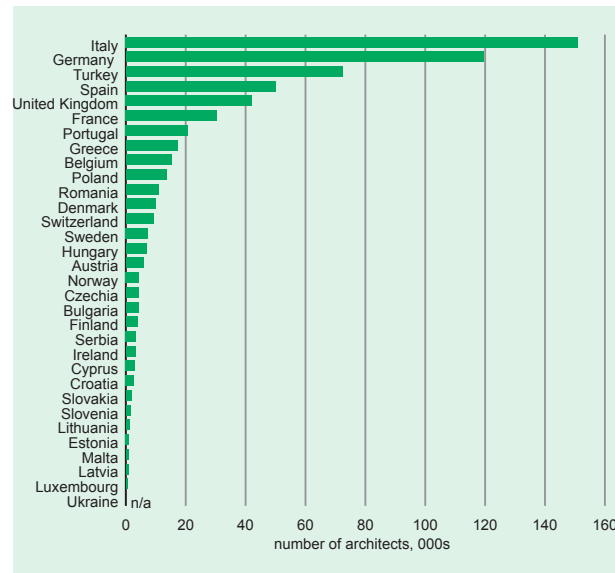
Partners, Directors,
Sole Principals

1.1 The number of architects in Europe

There are an estimated 619700 architects in Europe-32. This number has been rising rapidly; there are now 100000 more architects in Europe-32 than there were ten years ago. Countries with the largest number of architects remain the same; Italy (151000) and Germany (119000). Four other countries have high numbers of architects; Turkey (72500); Spain (50000), the United Kingdom (42000) and France (30000).

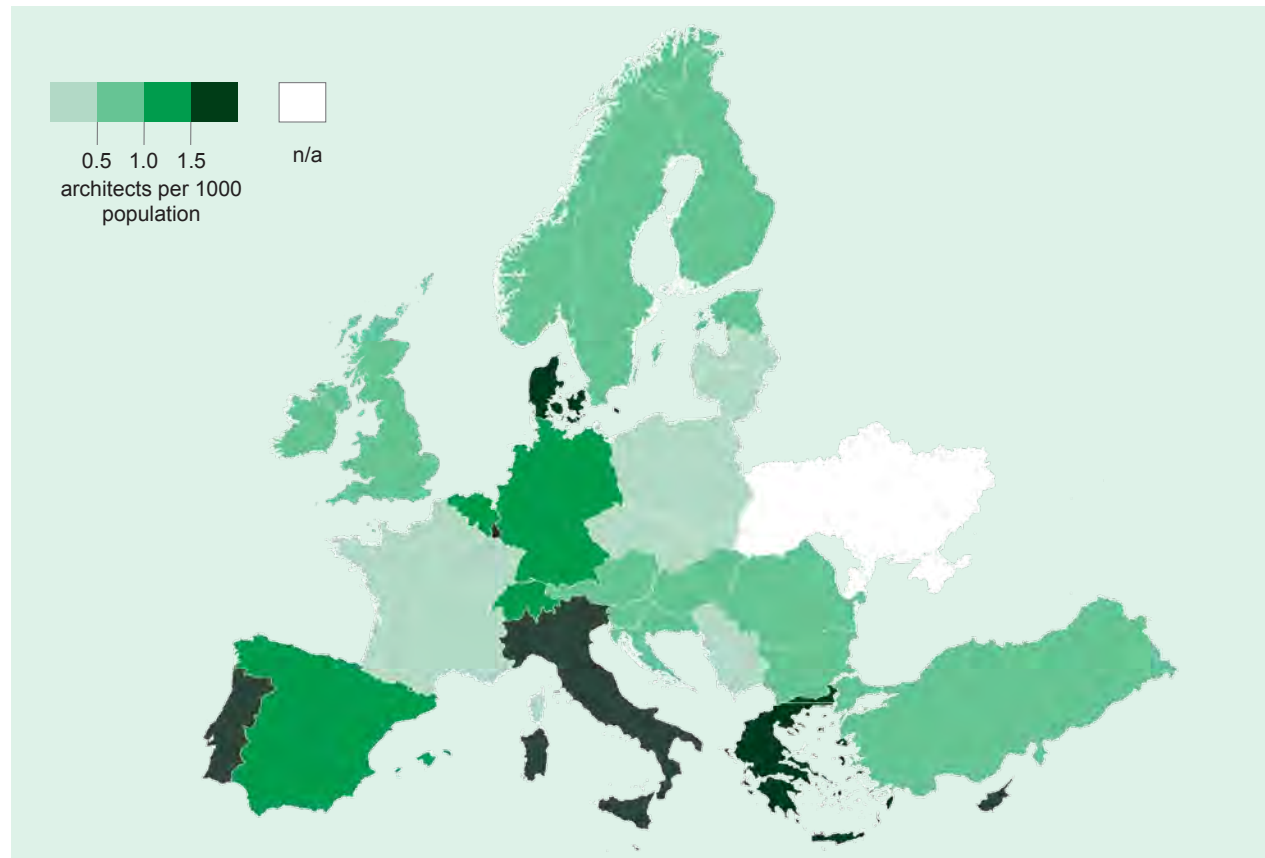
On average, there is one architect for every 1000 people in the population. This Europe-wide average figure varies considerably across the continent. There are at least 2.5 architects for every 1000 population in Italy and Cyprus, and 2.0 in Portugal. Denmark, Greece and Malta report more than 1.5 architects per 1000 population.

CHART 1-1
ESTIMATED NUMBER OF ARCHITECTS 2022



Base: all 32 European countries

CHART 1-2
NUMBER OF ARCHITECTS PER 1000 POPULATION



General notes for all tables and charts:
 EUROPE-32 = all ACE member countries.
 EUROPE-26 = all participants in the 2022 survey.
 The total Europe-26 figure is weighted to reflect the total architectural population in all participating countries; weighting process described in Appendix.
 Some countries have small samples these are marked *.
 Germany survey figures throughout have been provided by the BAK which included the ACE survey questions in its own survey.

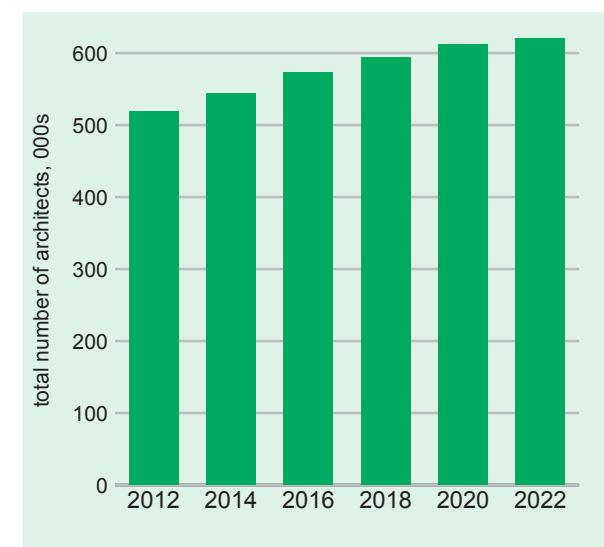
TABLE 1-1
 ESTIMATED NUMBER OF ARCHITECTS IN EACH COUNTRY AND NUMBER OF ARCHITECTS
 PER 1000 POPULATION

	number of architects	population	architects per 1000 population
Austria	6 000	8 932 700	0.7
Belgium	15 200	11 554 800	1.3
Bulgaria	4 200	6 916 500	0.6
Croatia	2 800	4 036 400	0.7
Cyprus	3 000	896 000	3.4
Czechia	4 200	10 701 800	0.4
Denmark	10 000	5 840 000	1.7
Estonia	1 100	1 330 100	0.8
Finland	3 800	5 533 800	0.7
France	30 400	67 656 700	0.4
Germany	119 400	83 155 000	1.4
Greece	17 300	10 678 600	1.6
Hungary	7 000	9 730 800	0.7
Ireland	3 300	5 006 300	0.7
Italy	151 000	59 236 200	2.5
Latvia	900	1 893 200	0.4
Lithuania	1 300	2 795 700	0.5
Luxembourg	700	634 700	1.0
Malta	1 000	516 100	1.9
Norway	4 400	5 391 400	0.8
Poland	13 600	37 840 000	0.4
Portugal	20 700	10 298 300	2.0
Romania	10 800	19 201 700	0.6
Serbia	3 400	6 871 500	0.5
Slovakia	1 800	5 459 800	0.3
Slovenia	1 500	2 109 000	0.7
Spain	50 000	47 398 700	1.1
Sweden	7 400	10 379 300	0.7
Switzerland	9 200	8 670 300	1.1
Turkey	72 500	83 614 400	0.9
Ukraine	n/a	41 418 700	n/a
United Kingdom	42 200	67 350 700	0.6
EUROPE - 32 - 2022	619 700	643 049 100	1.0
<i>EUROPE - 32 - 2020</i>	<i>612 300</i>	<i>600 517 900</i>	<i>1.0</i>
<i>EUROPE - 32 - 2018</i>	<i>594 000</i>	<i>595 189 100</i>	<i>1.0</i>
<i>EUROPE - 32 - 2016</i>	<i>572 900</i>	<i>590 170 100</i>	<i>1.0</i>
<i>EUROPE - 32 - 2014</i>	<i>543 700</i>	<i>585 325 200</i>	<i>0.9</i>
<i>EUROPE - 32 - 2012</i>	<i>518 400</i>	<i>582 711 300</i>	<i>0.9</i>

Population source: Eurostat population as at 1 January 2022
copyright (c) Eurostat

Number of Architects source: Mirza & Nacey estimates. The starting point was data compiled for the 2008 Sector Study which itself was based on the research publication produced by COAC - Architectural Practice Around the World research by the Col·legi d'Arquitectes de Catalunya (COAC) based on information supplied by national institutes and associations of architects of the individual countries. For the 2008 ACE report this data from COAC was updated using a mixture of primary and secondary sources including Member Organisations' websites and email contact with Member Organisations. Final figures are Mirza & Nacey best estimates based on these several different sources. All figures are 'latest available'.

Table 1-1 Base: all 32 European countries

 CHART 1-3
 CHANGE IN ESTIMATED NUMBER OF
 ARCHITECTS IN EUROPE-32 2012 TO 2022


Base: all 32 European countries

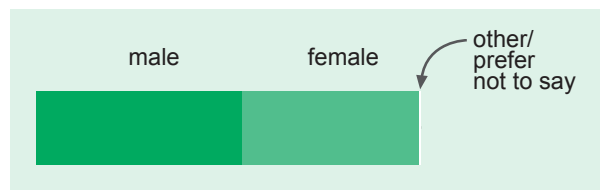
1.2 Profile of architects

TABLE 1-2
GENDER OF ARCHITECTS
ANALYSED BY COUNTRY

per cent	gender of architects		
	male	female	other/prefer not to say
Austria	75	24	2
Belgium	60	40	0
Croatia	45	54	1
Cyprus*	56	41	3
Czechia	65	32	3
Denmark	52	48	0
Estonia*	63	37	0
Finland	45	54	1
France	57	43	1
Germany	58	42	0
Greece	39	60	1
Hungary*	75	24	1
Ireland	65	35	0
Italy	44	56	0
Latvia*	42	54	4
Lithuania*	40	60	0
Luxembourg	70	30	0
Norway	54	45	1
Poland	54	45	0
Portugal	53	47	0
Romania	46	54	0
Slovakia	74	25	1
Slovenia	53	47	0
Spain	53	46	1
Sweden	46	53	1
United Kingdom	71	27	2
2022 EUROPE-26***	53	46	1
2020 EUROPE-26***	58	42	1
2018 EUROPE-26***	61	39	n/a
2016 EUROPE-27***	62	38	n/a
2014 EUROPE-26***	61	39	n/a
2012 EUR-25 ***	64	36	n/a

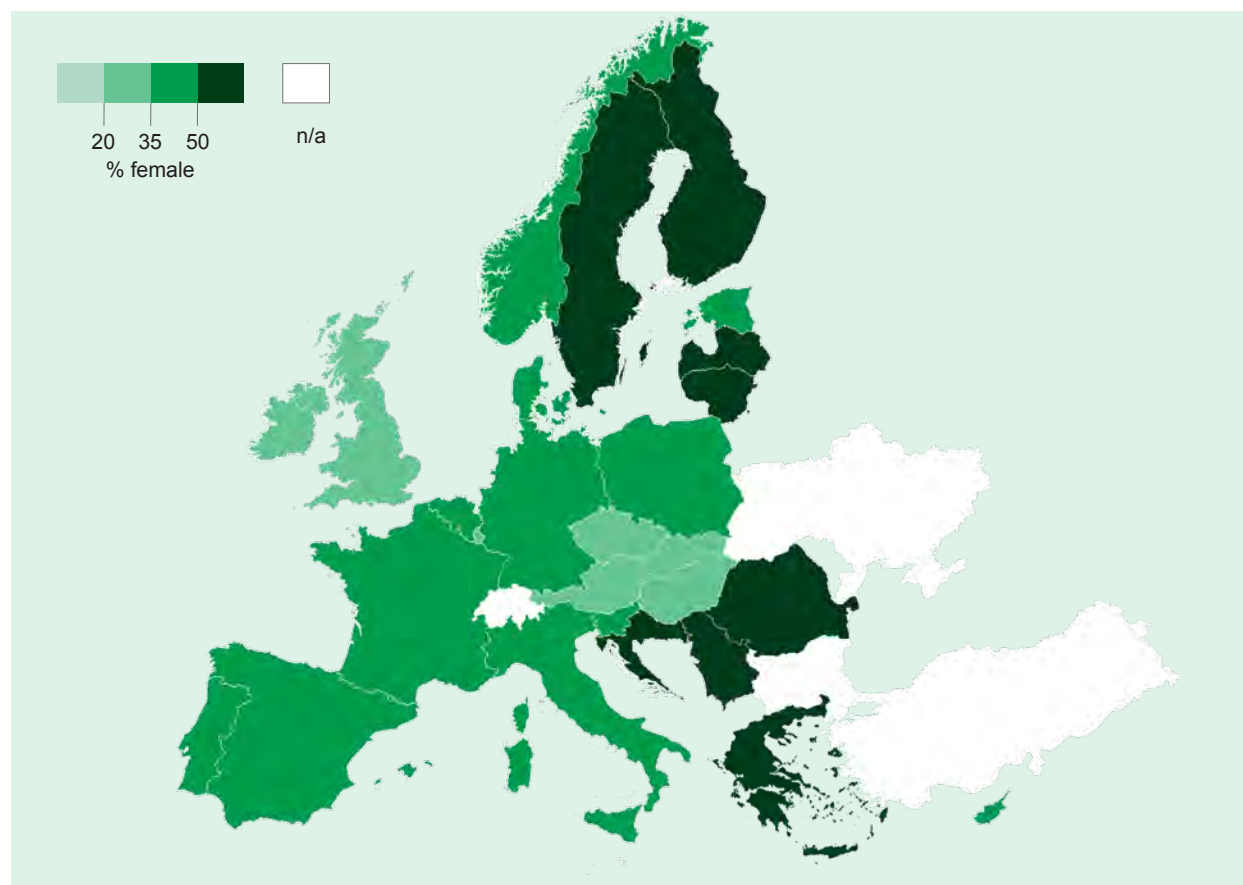
* caution - small sample. ** Germany figures provided by BAK
*** weighted to reflect the total architectural population in all participating countries; weighting process described in Appendix

CHART 1-4
GENDER SPLIT ALL RESPONDING ARCHITECTS



The proportion of women in the profession has increased significantly in the last ten years. In 2012, 36 per cent of architects were female; now this has increased to 46 per cent. Female architects are the majority in Croatia, Finland, Greece, Italy, Latvia, Lithuania, Romania and Sweden. A very small proportion, about 1 per cent, of architects describe themselves as non-binary or prefer not to say, this proportion has not changed from the previous survey.

CHART 1-5
PROPORTION OF FEMALE ARCHITECTS



1.3 Employment status

TABLE 1-3
EMPLOYMENT STATUS OF ARCHITECTS ANALYSED BY COUNTRY

per cent	working full-time	working part-time	not working	retired
Austria	86	12	1	2
Belgium	90	8	0	2
Croatia	90	6	2	3
Cyprus*	77	18	0	5
Czechia	85	12	1	3
Denmark	68	18	3	12
Estonia*	70	15	0	15
Finland	90	8	2	1
France	89	8	1	2
Germany	81	18	2	0
Greece	85	8	2	5
Hungary*	62	8	3	28
Ireland	84	14	1	0
Italy	84	10	3	3
Latvia*	72	26	0	2
Lithuania*	100	0	0	0
Luxembourg	94	6	0	0
Norway	79	7	5	9
Poland	82	10	1	7
Portugal	83	10	4	3
Romania	88	10	1	2
Slovakia	75	9	2	13
Slovenia	89	7	1	3
Spain	85	9	3	3
Sweden	80	14	3	2
United Kingdom	76	11	2	11
2022 EUROPE-26 ***	82	12	2	3
2020 EUROPE-26 ***	75	16	7	2
2018 EUROPE-26 ***	77	19	2	1
2016 EUROPE-27 ***	77	15	6	3
2014 EUROPE-26 ***	78	15	5	2
2012 EUROPE-25 ***	76	15	6	2

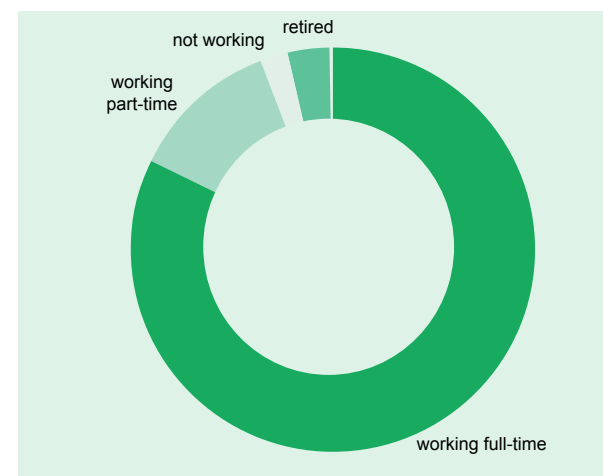
* caution - small sample

** Germany figures provided by BAK

*** weighted to reflect the total architectural population in all participating countries. The weighting process is explained in the Appendix.

More architects are working full-time than ever before. This year's figure is 82 per cent, significantly higher than the 75 per cent recorded in 2020. The proportion of architects working part-time, 12 per cent, is historically low and so too is the proportion of architects not working. Just 2 per cent of architects are unemployed or not working this year. The proportion of architects working full-time is at least 90 per cent in Belgium, Croatia, Finland, Lithuania and Luxembourg.

CHART 1-6
EMPLOYMENT STATUS OF ARCHITECTS



1.4 Field of employment

Thirty five per cent of architects describe themselves as Sole Principals, a proportion that has been rising over the last ten years. Also higher than previously is the proportion of architects who are Partners & Directors, up from 9 per cent in 2020 to 12 per cent now. Correspondingly fewer architects are employed as salaried architects in private practices, having fallen from 23 per cent in 2020 to 18 per cent now.

Twelve per cent of architects are working freelance, this being substantially higher than the 7 per cent recorded in 2020.

Ten per cent of architects working the public sector, this proportion is slightly lower than in recent years.

At least 40 per cent of architects in Norway and Sweden are salaried employees in private practice, including Associates. The largest proportion of freelance architects are to be found in Belgium and France. The public sector employs more architects in Denmark, Finland, Sweden and Portugal than elsewhere.

CHART 1-8
MAIN EMPLOYMENT FIELD BY COUNTRY

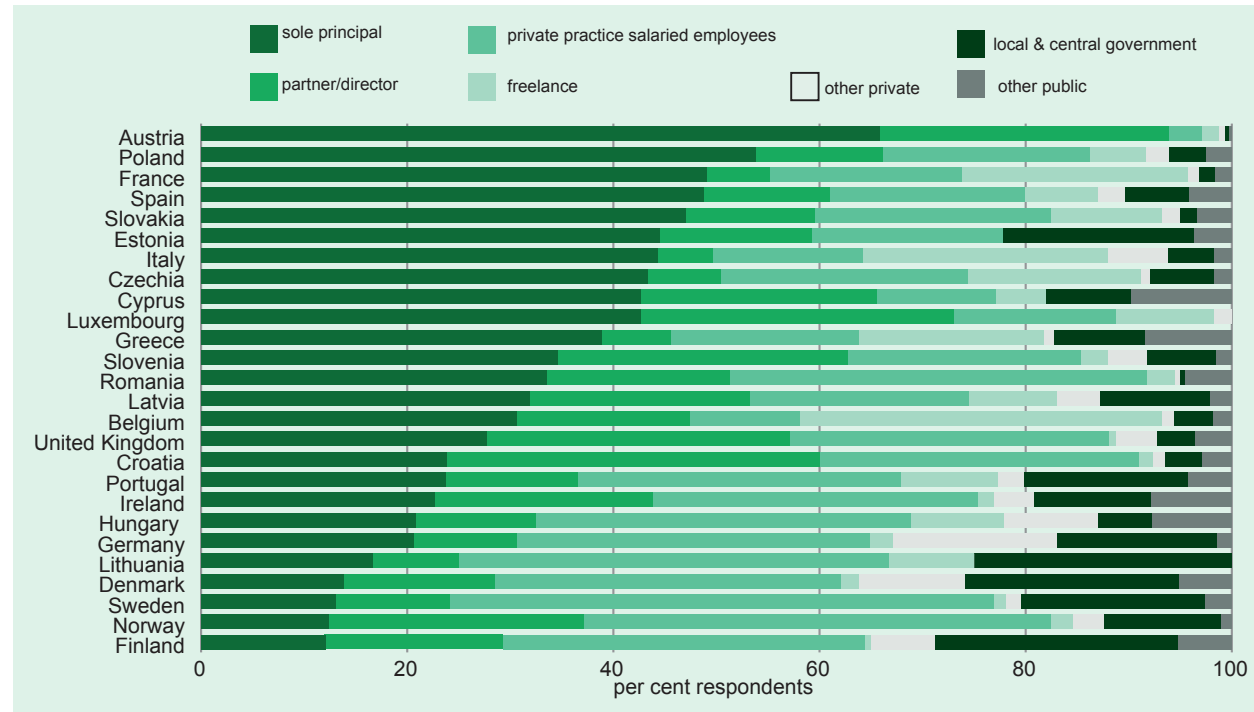


CHART 1-7
FIELD OF EMPLOYMENT

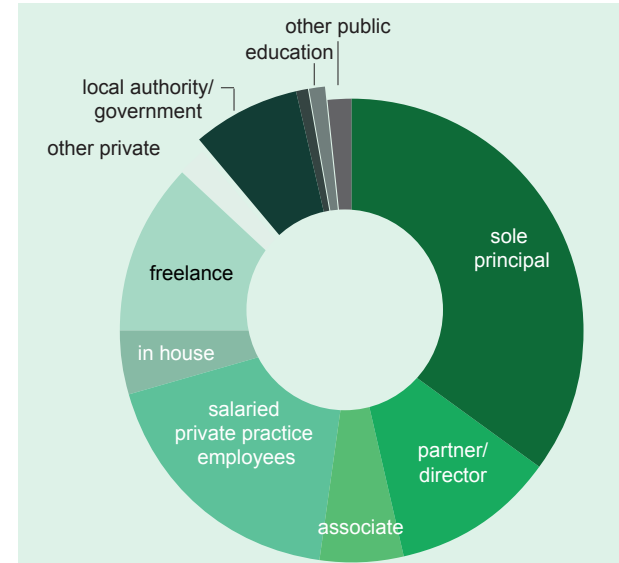


TABLE 1-4
 ARCHITECTS' FIELD OF EMPLOYMENT BY COUNTRY

per cent	sole principal	partner director	associate	private practice salaried employees	in-house	freelance/short-term contract	other private	local authority	central govt	education	other public
Austria	66	28	1	3	0	2	0	0	0	0	0
Belgium	31	17	8	2	0	35	1	4	0	1	1
Croatia	24	36	4	27	1	1	0	3	1	2	1
Cyprus*	43	23	2	10	0	5	0	2	7	8	2
Czechia	43	7	12	12	0	17	1	5	1	2	0
Denmark	14	15	3	30	3	2	7	16	4	3	2
Estonia*	44	15	7	11	0	0	0	7	11	4	0
Finland	12	17	2	34	2	1	4	22	2	4	2
France	49	6	15	4	0	22	1	1	0	0	1
Germany	21	10	0	34	14	2	1	15	1	0	1
Greece	39	7	6	12	1	18	0	6	3	4	4
Hungary*	21	12	22	14	3	9	6	4	1	1	6
Ireland	23	21	8	24	1	1	2	7	4	6	2
Italy	44	5	7	8	2	24	3	4	0	1	1
Latvia*	32	21	6	15	4	9	0	4	6	2	0
Lithuania*	17	8	8	33	0	8	0	25	0	0	0
Luxembourg	43	30	13	3	0	10	2	0	0	0	0
Norway	12	25	13	32	0	2	3	9	2	0	1
Poland	54	12	3	17	1	5	1	3	0	1	1
Portugal	24	13	3	28	1	9	1	14	2	3	2
Romania	34	18	11	29	0	3	1	0	0	4	1
Slovakia	47	13	16	7	2	11	0	1	0	3	0
Slovenia	35	28	4	18	3	3	0	6	1	1	1
Spain	49	12	5	14	1	7	2	6	0	3	2
Sweden	13	11	8	45	1	1	1	16	2	2	1
United Kingdom	28	29	9	22	2	1	2	3	1	1	2
2022 EUROPE-26	35	12	6	18	5	12	2	7	1	1	1
2020 EUROPE-26	33	9	6	23	4	7	6	7	1	2	3
2018 EUROPE-26	29	9	5	20	4	14	5	7	1	2	4
2016 EUROPE-27	26	8	6	16	1	25**	5	6	1	3	3
2014 EUROPE-26	29	9	7	20	2	15**	4	7	1	2	3
2012 EUROPE-25	32	11	7	16	2	18**	5	5	1	1	3

* caution - small sample

** includes 'agency' staff

1.5 Years qualified as an architect

More than one quarter of architects have 25 or more years of experience as an architect. This proportion has remained flat since 2014, although it was lower before then. Another 29 per cent have between 15 and 24 years' post qualification experience.

Countries with the highest proportion of architects who have been qualified for 25 years or more include Croatia, Denmark, Finland, Ireland, Luxembourg and Slovenia.

CHART 1-9
NUMBER OF YEARS ARCHITECTS
HAVE BEEN QUALIFIED

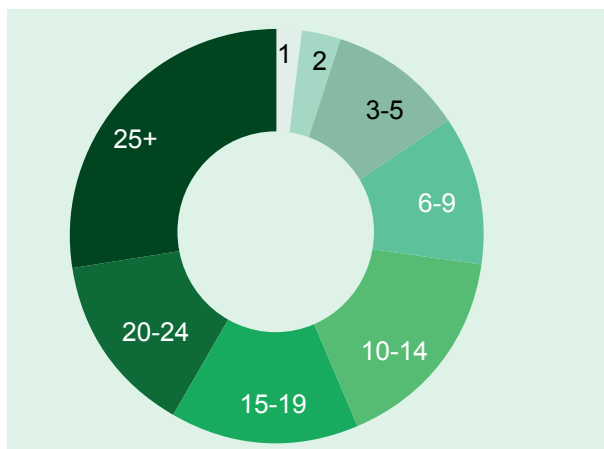


TABLE 1-5
NUMBER OF YEARS QUALIFIED AS AN ARCHITECT ANALYSED BY COUNTRY

per cent	number of years qualified as an architect							
	1	2	3 to 5	6 to 9	10 to 14	15 to 19	20 to 24	25 +
Austria	4	4	9	9	18	14	15	28
Belgium	5	5	13	15	13	9	9	30
Croatia	0	0	0	50	0	0	0	50
Cyprus*	0	1	14	19	16	13	8	31
Czechia	0	0	5	12	20	16	11	36
Denmark	3	6	9	9	10	10	14	38
Estonia*	0	0	0	9	9	9	9	64
Finland	0	3	6	9	14	13	18	37
France	4	3	10	11	17	11	14	31
Germany	2	1	6	10	15	17	16	32
Greece	3	3	11	16	19	13	8	28
Hungary*	0	0	10	0	5	7	7	71
Ireland	1	0	8	14	14	10	16	37
Italy	1	3	13	12	16	14	14	25
Latvia*	7	0	0	0	0	14	21	57
Lithuania*	4	4	1	9	16	23	20	24
Luxembourg	4	4	4	9	4	13	19	43
Norway	3	2	10	8	13	18	16	31
Poland	5	11	19	25	13	8	11	9
Portugal	3	6	16	14	18	14	13	16
Romania	1	1	20	23	16	15	8	16
Slovakia	0	7	7	7	33	20	13	13
Slovenia	0	1	1	7	17	14	19	41
Spain	1	2	7	5	25	19	21	20
Sweden	4	7	20	12	15	11	13	18
United Kingdom	2	3	13	12	15	16	11	27
2022 EUR-26	2	3	11	12	16	15	14	27
2020 EUR-26	2	3	11	12	15	14	14	28
2018 EUR-26	3	3	9	11	18	17	12	28
2016 EUR-27	3	4	10	13	19	14	10	27
2014 EUR-26	3	3	9	15	19	14	12	27
2012 EUR-25	3	4	12	16	19	11	11	24

* caution - small sample

1.6 Age profile

Architects aged under 40 account for more than half of architects in Romania, and more than one third in Italy, Spain, Portugal and Sweden. These countries with large number of young architects contrast with countries such as Denmark, Norway and the United Kingdom where a quarter of architects are aged 60 and over.

The Europe average age of an architect is 45-49 years old, slightly older than the average age ten years ago which in 2012 was 40-44 years old.

CHART 1-10
AGE PROFILE OF ARCHITECTS

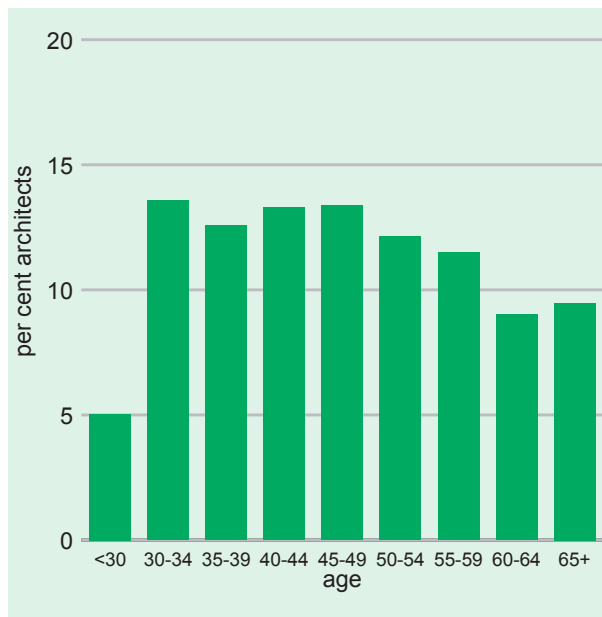


CHART 1-11
PROPORTION OF ARCHITECTS AGED UNDER 40

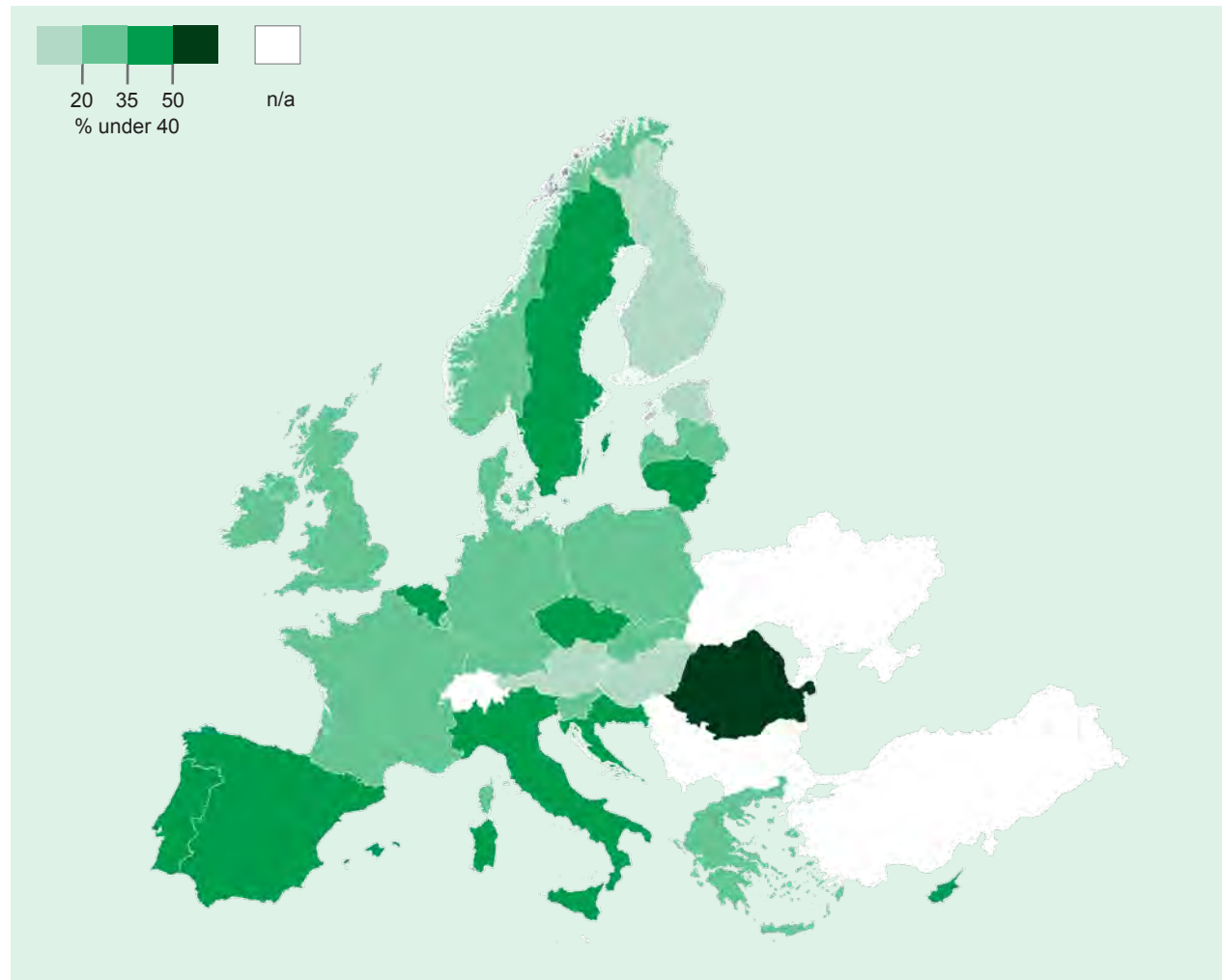
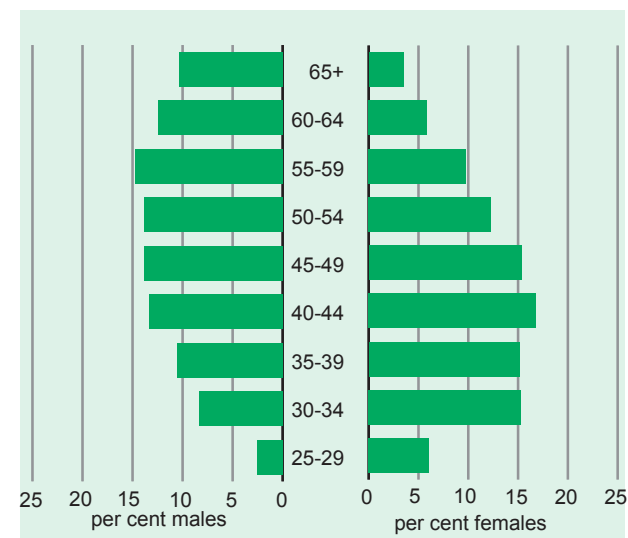


TABLE 1-6
AGE OF ARCHITECTS ANALYSED BY COUNTRY

per cent	age of architects								
	<30	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+
Austria	0	5	8	14	15	15	18	14	11
Belgium	13	17	16	11	10	10	7	8	9
Croatia	4	13	18	15	11	11	10	10	8
Cyprus*	3	23	18	13	6	10	8	5	15
Czechia	2	22	21	14	10	9	6	8	9
Denmark	3	8	8	8	11	8	14	13	25
Estonia*	0	4	11	15	7	19	11	4	30
Finland	5	6	7	11	14	21	16	15	5
France	2	12	15	12	14	13	11	11	11
Germany	2	9	10	13	15	16	18	12	4
Greece	3	9	17	19	12	9	8	10	12
Hungary*	4	5	6	9	9	12	9	11	36
Ireland	3	13	7	13	14	12	15	5	19
Italy	7	19	11	12	13	12	10	8	7
Latvia*	4	8	10	6	15	13	6	15	23
Lithuania*	8	17	17	8	8	0	8	33	0
Luxembourg	2	8	12	21	20	21	3	7	6
Norway	8	11	10	12	7	10	13	5	25
Poland	3	13	17	18	14	9	6	7	13
Portugal	9	14	13	19	15	11	7	5	6
Romania	7	27	24	16	11	6	1	3	4
Slovakia	1	10	14	13	17	8	7	10	19
Slovenia	1	8	12	18	21	11	11	8	10
Spain	6	13	17	15	15	11	8	6	9
Sweden	7	18	16	12	10	10	9	9	9
United Kingdom	3	9	11	11	13	10	13	9	22
2022 EUROPE-26	5	14	13	13	13	12	11	9	9
2020 EUROPE-26	7	13	14	12	13	13	12	9	7
2018 EUROPE-26	7	11	13	15	15	13	11	9	6
2016 EUROPE-27	8	13	15	15	13	11	10	8	6
2014 EUROPE-26	7	12	15	16	13	13	11	7	6
2012 EUROPE-25	9	15	16	14	13	12	10	6	4

* caution - small sample

CHART 1-12
POPULATION PYRAMID - ANALYSIS OF ARCHITECTS BY AGE AND GENDER



Architecture - the market



La Borda - Cooperative Housing
Barcelona, Spain
Architects: Lacol studio
Photo: Barcelona Municipal Institute of
Housing and Rehabilitation



€2513 billion

Value of construction market



€21 billion

Value of architectural market



+24%

Market increase since 2020



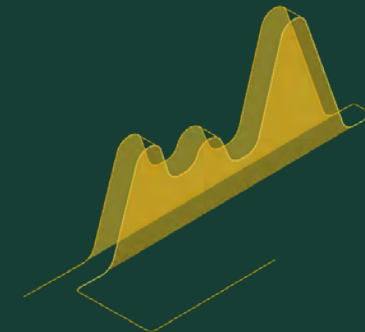
56%

Private housing work



62%

Building design work



-10

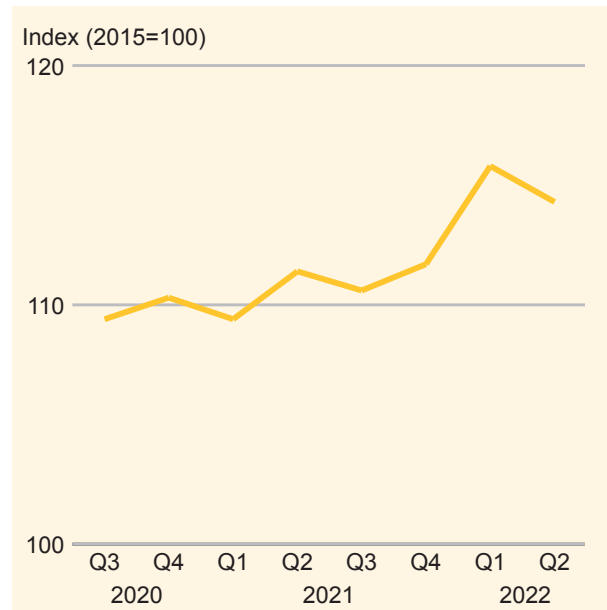
Future sentiment is not confident

2.1 The construction market in Europe

The total value of the European construction market ('EUROPE - 32') is estimated to be worth €2513 billion in 2022. This includes civil engineering and infrastructure work.

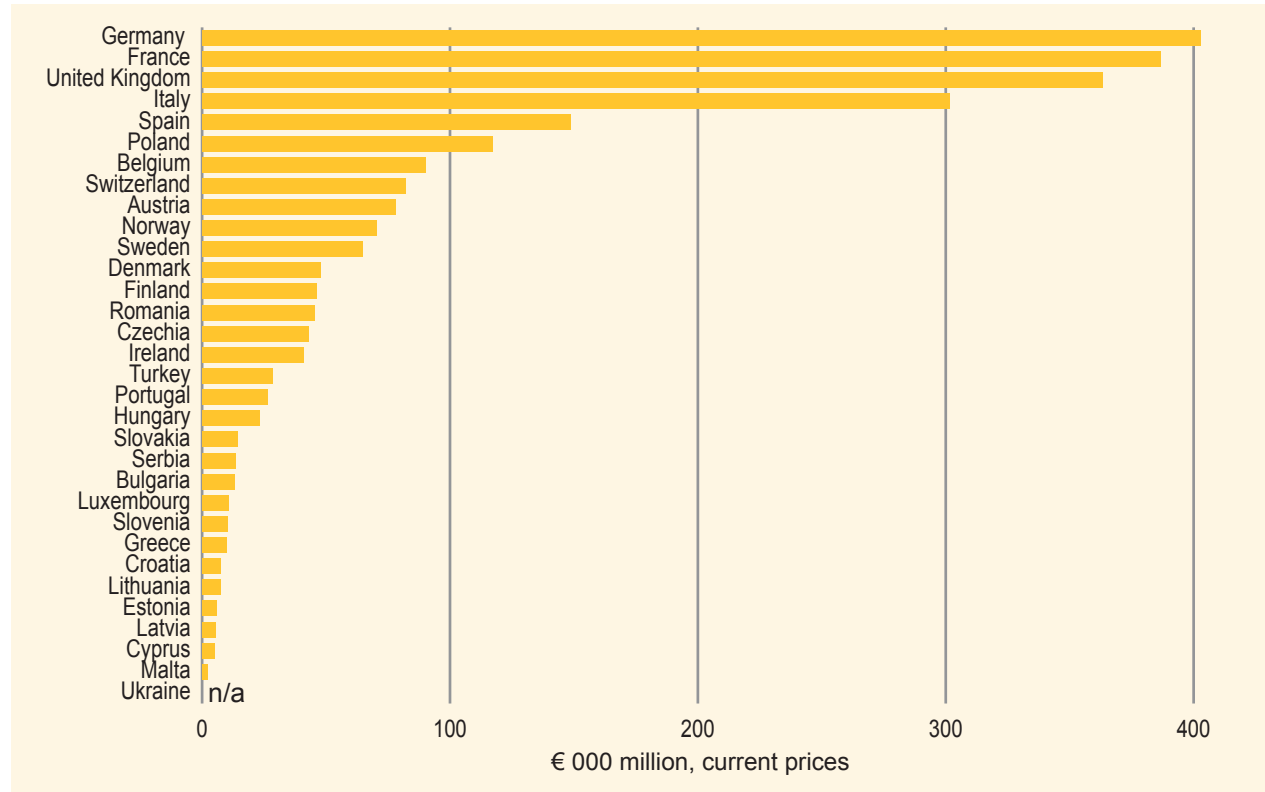
More than half of this output comes from four countries; Germany, France, the United Kingdom, and Italy. When measured per head of the general population, the highest values per head are recorded in Luxembourg, Norway, Switzerland and Austria. These same four countries also have the highest values when construction output is measured per architect.

CHART 2-1
QUARTERLY CONSTRUCTION OUTPUT EU



Source: Eurostat Quarterly indices for production in construction calendar and seasonally adjusted. Base year 2015.

CHART 2-2
ESTIMATED SIZE OF EUROPE CONSTRUCTION MARKET 2022



Base: all 32 European countries
 Source: Mirza & Nacey estimates based on data sourced from Eurostat updated using the most recent Eurostat Construction Output Production Indices.
 Additional data sourced from the Turkish Statistical Institute and Office of National Statistics UK

TABLE 2-1
 SIZE OF CONSTRUCTION MARKET - MILLIONS OF EUROS - CURRENT PRICES

€ million	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 *	2022 **
Austria	46813	47248	48263	50174	51373	54428	57580	61072	60493	75546	78002
Belgium	64825	64222	65813	67155	69692	72896	78649	83631	81940	91982	89974
Bulgaria	7866	6459	7743	9182	6346	7340	8499	9349	12013	12954	13295
Croatia	5361	5025	4826	4969	5313	5638	6537	7459	6300	7278	7638
Cyprus	2848	2109	1869	1949	2303	2978	3705	4460	4133	5375	5041
Czechia	29200	27131	26446	28649	27657	30399	34820	37234	36087	40581	42947
Denmark	27622	27472	28434	32097	35463	38030	41849	39688	41610	45178	47856
Estonia	3053	3112	3044	3024	3225	3807	4299	4614	4431	5178	5695
Finland	31153	30379	29544	30338	33262	35949	38684	40380	40809	43567	46391
France	279204	282404	277387	271069	272638	284900	297843	312235	274575	382842	386662
Germany	263345	267325	279823	284094	299270	312584	340735	360097	382462	389722	402877
Greece	14294	14983	11253	11022	10305	6950	7656	8216	7599	8991	9815
Hungary	7946	8845	9854	10383	9385	12152	15591	18917	18397	20951	23346
Ireland	7593	9340	13414	15044	19299	24370	28060	30105	27605	35760	41028
Italy	226655	207275	192491	187168	184700	184686	187728	193212	181383	287362	301689
Latvia	4885	5119	5239	5032	3897	4829	5612	5666	5830	5890	5641
Lithuania	3452	3897	4535	4482	4437	4869	5585	6371	6466	7156	7538
Luxembourg	5644	5828	6417	6732	7457	7340	7795	8785	8531	10493	10791
Malta	842	866	981	1119	1234	1214	1396	1689	1839	1991	2139
Norway	57008	57100	56496	55646	57609	61205	63801	64945	58792	66922	70395
Poland	79472	75103	77002	80993	77120	80211	93734	103024	100309	102097	117109
Portugal	20763	18284	16878	17015	16807	18770	20685	22792	23744	25666	26616
Romania	30202	28033	23790	27533	28147	27091	30954	37393	40395	43886	45582
Serbia	5193	4357	4423	5137	5447	6159	7406	10488	10226	12619	13674
Slovakia	10649	9695	10856	13202	12530	13741	15075	14972	14036	14209	14288
Slovenia	5659	5290	5532	5454	5299	5926	6926	7392	7397	8784	10260
Spain	132857	117942	120309	125007	126990	138653	150746	167297	154181	156859	148459
Sweden	50611	51567	52181	56774	58219	64335	65433	66943	64300	63903	64609
Switzerland	62610	63097	65286	74060	72120	71793	71540	76463	77694	82505	82193
Turkey	27160	27753	27495	31838	37381	38723	39867	26829	22008	24696	28378
Ukraine	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
United Kingdom	270146	272867	312243	374522	347462	344453	356761	363300	309168	349132	363097
EUROPE - 32 (€ 000 million)	1785	1750	1790	1891	1892	1966	2096	2195	2085	2430	2513

Source of all data:
Eurostat National Accounts - output at current prices.
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* Data for several countries 2021 Mirza & Nacey estimates derived from the most recent Eurostat Construction Output Production Indices.

** Data for 2022: Mirza & Nacey estimates based on most recent Eurostat Construction Output Production Indices generally these are to Q2 2022.

Additional data sourced from the Turkish Statistical Institute and Office of National Statistics UK.

Construction output includes civil engineering and infrastructure work.

The pandemic caused construction output to fall back, but before then output had been rising almost every year. This upward trend resumed in 2021 and the 2022 figure is estimated to be 3.4 per cent higher than it was in 2021. Growth since 2021 has been greatest in Slovenia, Turkey, Ireland and Poland. However, the most recent figures from Eurostat that only cover EU countries suggest growth may be tailing off as economic conditions worsen.

CHART 2-3
CONSTRUCTION OUTPUT IN
EUROPE-32 2012 TO 2022

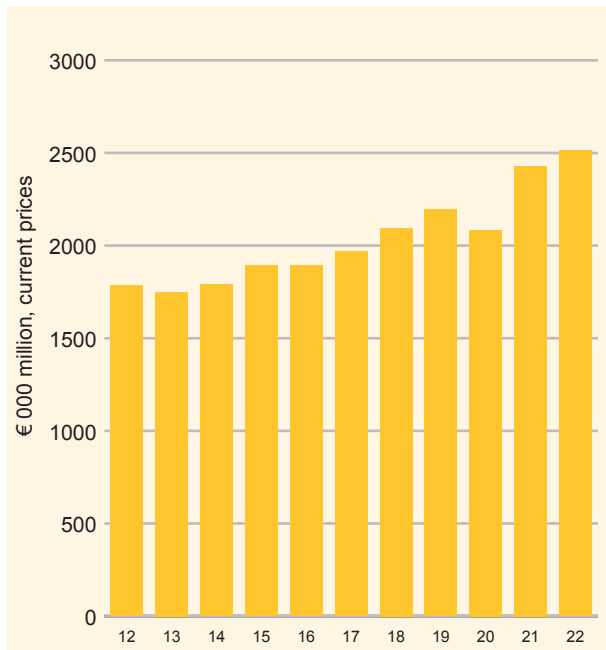
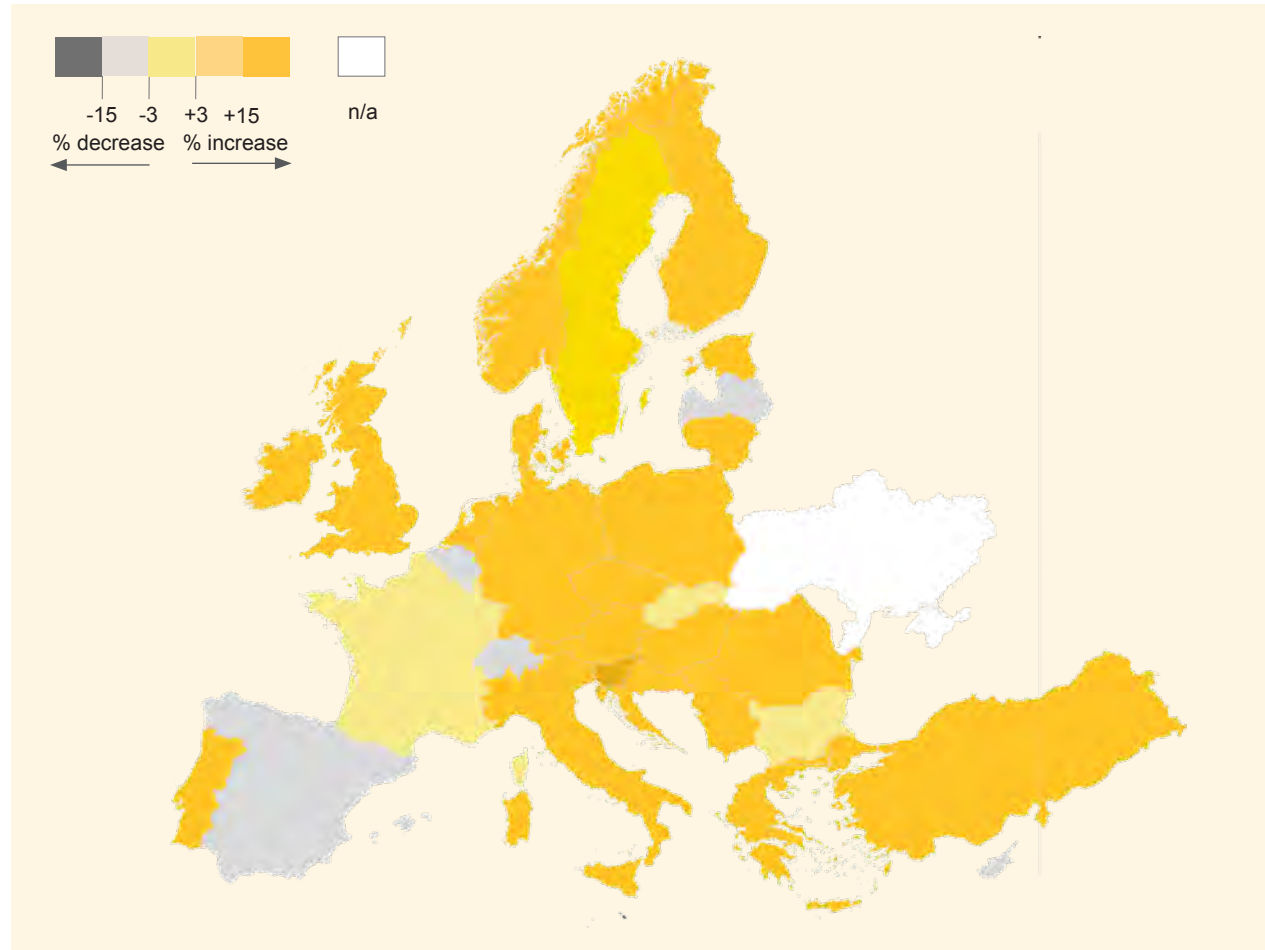


CHART 2-4
CHANGES IN CONSTRUCTION OUTPUT 2021 TO 2022



Base for both map above and chart left: all 32 European countries
Source: Mirza & Nacey estimates based on data sourced from Eurostat updated using the most recent Eurostat Construction Output Production Indices.

TABLE 2-2
ESTIMATED SIZE OF CONSTRUCTION MARKET 2022 BY COUNTRY AND COMPARATIVE VALUES

	construction output (estimated € million)	population (number as at 01.01.2022)	construction output per head of population (€)	architects (estimated number)	construction output per architect (€)
Austria	78002	8932664	8732	6000	13059073
Belgium	89974	11554767	7787	15200	5919318
Bulgaria	13295	6916548	1922	4200	3191970
Croatia	7638	4036355	1892	2800	2750539
Cyprus	5041	896007	5626	3000	1670343
Czechia	42947	10701777	4013	4200	10225482
Denmark	47856	5840045	8194	10000	4785587
Estonia	5695	1330068	4282	1100	5177258
Finland	46391	5533793	8383	3800	12208102
France	386662	67656682	5715	30400	12719155
Germany	402877	83155031	4845	119400	3374292
Greece	9815	10678632	919	17300	568757
Hungary	23346	9730772	2399	7000	3335155
Ireland	41028	5006324	8195	3300	12413985
Italy	301689	59236213	5093	151000	1997571
Latvia	5641	1893223	2980	900	6636882
Lithuania	7538	2795680	2696	1300	5749547
Luxembourg	10791	634730	17002	700	16500673
Malta	2139	516100	4144	1000	2138638
Norway	70395	5391369	13057	4400	15998872
Poland	117109	37840001	3095	13600	8624241
Portugal	26616	10298252	2585	20700	1284431
Romania	45582	19201662	2374	10800	4220566
Serbia	13674	6871547	1990	3400	4071934
Slovakia	14288	5459781	2617	1800	7937545
Slovenia	10260	2108977	4865	1500	7027416
Spain	148459	47398695	3132	50000	2969180
Sweden	64609	10379295	6225	7400	8787934
Switzerland	82193	8670300	9480	9200	8953526
Turkey	28378	83614362	339	72500	391622
Ukraine	n/a	41418717	n/a	n/a	n/a
United Kingdom	363097	67350695	5391	42200	8610314
EUROPE-32	2513024	643049064	3908	619700	4055109

Source: Construction output and population data - Eurostat Copyright © Eurostat. All Rights Reserved. Additional data sourced from the Turkish Statistical Institute and Office of National Statistics UK. Data for 2022 are Mirza & Nacey estimates based on most recent Eurostat Construction Output Production Indices.

The total for EUROPE-32 is Mirza & Nacey estimate.

Construction output includes civil engineering and infrastructure work.

2.2 The architectural market in Europe

The value of the architectural market in Europe-32 is estimated to be €21.1 billion. This is 23 per cent higher than in the 2020 survey and continues the upward trend that has been recorded since the survey began. The market has expanded every survey, regardless of the economic cycle. The latest expansion is at the fastest rate yet.

The market figure represents just under 1 per cent of the total value of construction and equates to an average of €38000 per architect. The largest architectural markets remain Germany, Italy and the United Kingdom. Between them, these three countries account for more than half of the total Europe market.

The architectural market is defined as being the total turnover (revenue) of all architectural practices in Europe. Each individual country figure is an estimate and should be considered with caution. The estimate has been grossed-up from the survey data. See Appendix I for details of the methodology used.

CHART 2-5
VALUE OF ARCHITECTURAL MARKET AVERAGE PER ARCHITECT

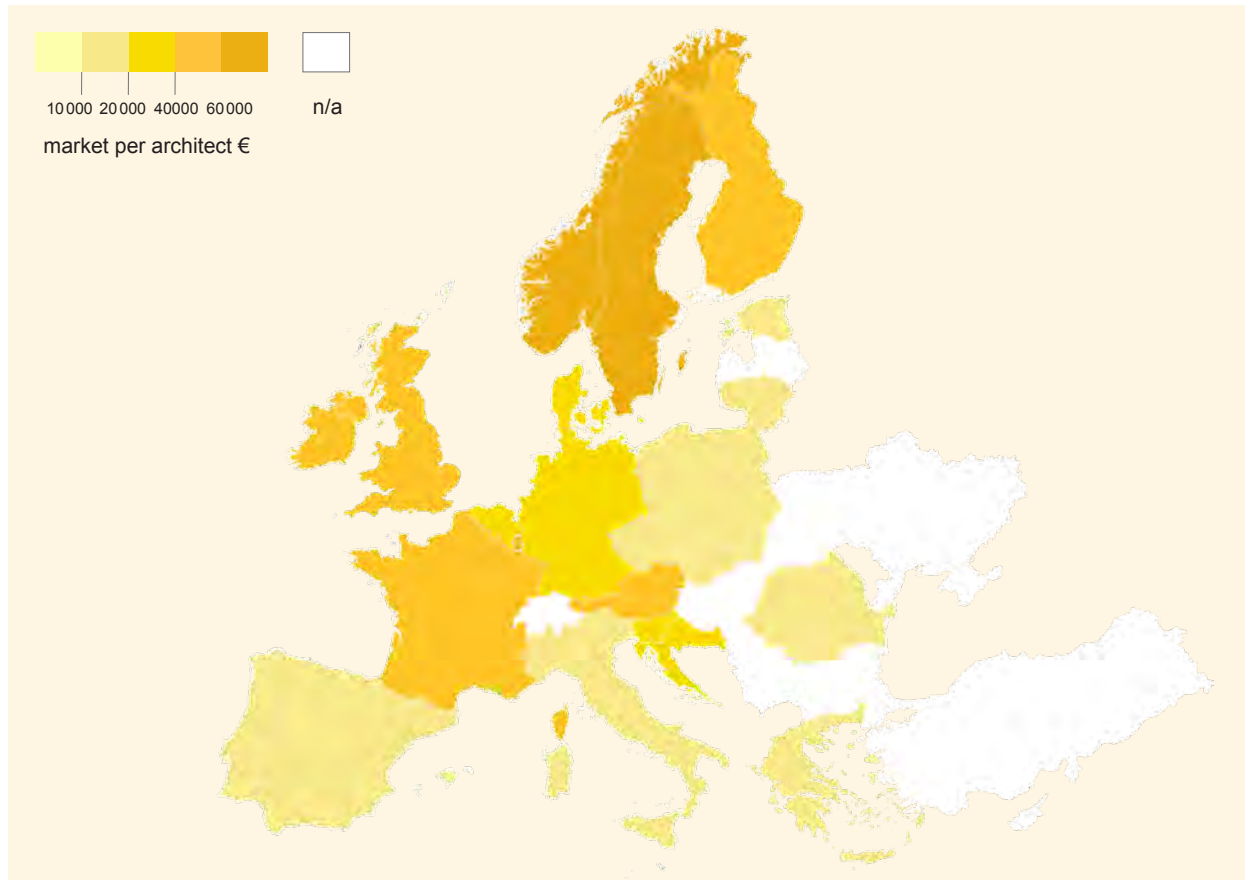
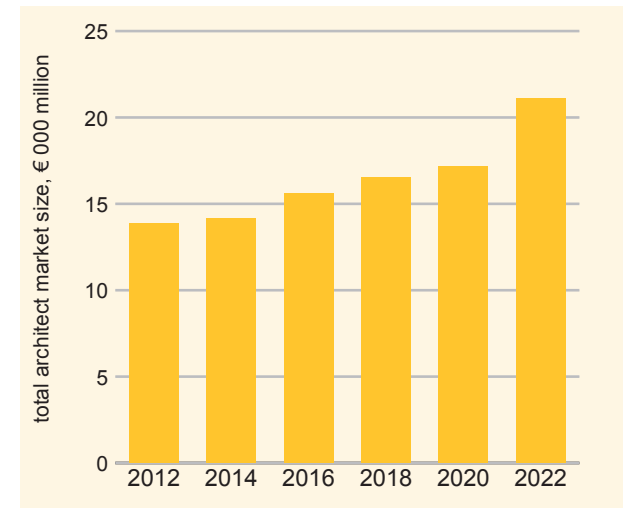


CHART 2-6
CHANGES 2010 TO 2022 IN ESTIMATED VALUE OF ARCHITECTURAL MARKET IN EUROPE-32



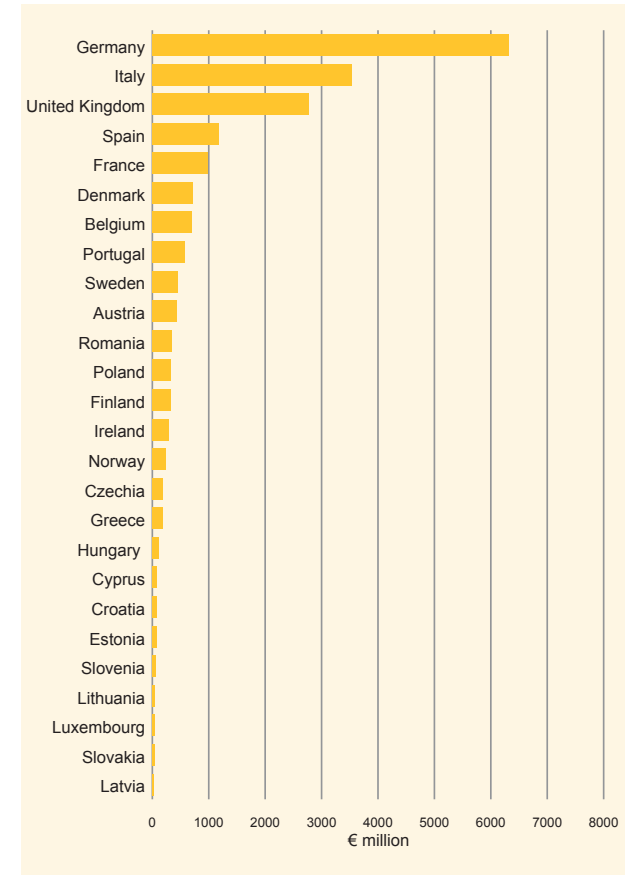
Base: all 32 European countries
Source: Mirza & Nacey estimates based on survey data

TABLE 2-3
ESTIMATED SIZE OF ARCHITECTURAL MARKET 2022 BY COUNTRY AND COMPARATIVE VALUES

	2022				2020 market size (€000s)	2018 market size (€000s)	2016 market size (€000s)	2014 market size (€000s)	2012 market size (€000s)
	market size (€000s)	value per architect (€)	value per 1000 population (€)	architectural market as per cent construction					
Austria	439936	73654	49250	0.56	340391	287174	279307	281241	262774
Belgium	708678	46624	61332	0.79	577331	569489	610346	436306	529292
Croatia	78935	28425	19556	1.03	59518	59602	54841	44798	50235
Cyprus*	82545	27351	92125	1.64	n/a	17000	18000	n/a	n/a
Czechia	187256	44585	17498	0.44	74016	112931	92210	139458	153433
Denmark	716059	71606	122612	1.50	333893	429470	482321	392062	447607
Estonia*	71152	64683	53495	1.25	12505	16730	14396	16330	29277
Finland	319326	84033	57705	0.69	165869	188952	178017	133689	161704
France	988057	32502	14604	0.26	1527379	961483	984215	907837	1254376
Germany	6315407	52895	75947	1.57	4576636	4970740	5015212	5047349	4192657
Greece	177459	10283	16618	1.81	190789	82696	n/a	102646	170961
Hungary*	118484	16926	12176	0.51	58988	47024	33267	n/a	60566
Ireland	299191	90527	59763	0.73	169174	149498	110600	90682	112102
Italy	3530174	23374	59595	1.17	2982972	2072306	1758087	1916761	2775280
Latvia*	30446	35818	16081	0.54	n/a	n/a	n/a	n/a	n/a
Lithuania*	51298	39129	18349	0.68	21388	16850	10641	n/a	9676
Luxembourg	50178	76725	79054	0.46	65533	49588	68308	49361	38264
Norway	245998	55909	45628	0.35	245511	340447	n/a	n/a	n/a
Poland	335071	24676	8855	0.29	228586	208042	212481	n/a	210575
Portugal	584569	28210	56764	2.20	427214	348279	276051	176636	261110
Romania	337597	31259	17582	0.74	182265	135682	76954	79471	90111
Slovakia	38448	21360	7042	0.27	28709	n/a	22058	15211	n/a
Slovenia	54269	37171	25733	0.53	39713	30396	35700	24874	42110
Spain	1170363	23407	24692	0.79	593043	555550	461124	332999	336420
Sweden	447750	60902	43139	0.69	420937	532201	470484	347110	330785
United Kingdom	2777022	65853	41232	0.76	2124952	2265051	2169202	1978835	2006403
2022 EUROPE-26	20155669	38062	40715	0.9					
2020 EUROPE-26	16229648	29686	31406	0.7	16229648				
2018 EUROPE-26	15198352	28262	30184	0.8		15198352			
2016 EUROPE-27	15603101	27300	26651	0.9			15603101		
2014 EUROPE-26	14340253	26109	27176	0.9				14340253	
2012 EUROPE-25	14424668	27770	25870	1.0					14424668

'Market size' refers to the architectural market as measured as the sum of the turnover earned by private architectural practices in each country. Latest data refer to 2021/22. The market size has been estimated - see Appendix for an explanation of the methodology.
* caution - small sample

CHART 2-7
ESTIMATED VALUE OF ARCHITECTURAL MARKET



2.3 The architectural market analysed by type & sector

The architectural market is heavily dependent on one sector. More than half of the market comes from private housing. Two thirds of the market value of private housing revenue is architectural work for new individual houses, house extensions or loft extensions. Overall, 89 per cent of architectural practices are involved at least to some extent in private housing work.

There is a huge gap between the market share coming from private housing and any other sector. The next largest markets are retail, accounting for an average 9 per cent market share and public housing with 7 per cent. The public sector overall represents a 21 per cent share of the market.

Individual houses and extensions make up at least 50 per cent of the market for practices in Belgium, Greece, Portugal and the United Kingdom. Public housing represents an average share of at least 10 per cent in Czechia, Germany and Luxembourg. Commercial work accounts for the largest share in Finland and Slovakia.

Half of the market is new build, a higher proportion than in previous surveys. In Romania and Poland more than 70 per cent of the market is new build work. Heritage work makes up 14 per cent of the market, about the same as in 2020, and refurbishment work accounts for 36 per cent. In Italy and France, refurbishment accounts for about half of the market.

TABLE 2-4
PROPORTION OF MARKET
BY BUILDING TYPE ANALYSED BY COUNTRY

per cent	new build	heritage	other refurbishment
Austria	53	9	38
Belgium	47	12	39
Croatia	66	19	15
Cyprus*	81	6	13
Czechia	56	16	30
Denmark	35	40	24
Estonia	n/a	n/a	n/a
Finland	63	16	21
France	39	14	48
Germany	47	13	40
Greece	52	3	44
Hungary*	63	15	23
Ireland	48	20	32
Italy	16	33	50
Latvia*	41	28	31
Lithuania	n/a	n/a	n/a
Luxembourg	62	16	23
Norway	63	9	28
Poland	70	8	21
Portugal	53	20	27
Romania	72	7	21
Slovakia	61	10	28
Slovenia	65	11	24
Spain	47	12	40
Sweden	57	10	33
United Kingdom	43	17	40
2022 EUROPE-26	50	13	36
2020 EUROPE-26	44	14	43
2018 EUROPE-26	41	59	
2016 EUROPE-27	41	59	
2014 EUROPE-26	37	63	
2012 EUROPE-25	n/a	n/a	

* caution - small sample

TABLE 2-5
PROPORTION OF MARKET AND INVOLVEMENT
BY BUILDING SECTOR

per cent	per cent of revenue	per cent of practices involved
private housing	56	89
offices	3	15
retail	9	34
leisure and the arts	3	15
industrial	4	16
health	6	23
education	3	14
public housing	7	21
other private	6	27
other public	3	11

involved = have worked on at least one job in this sector in year

CHART 2-8
PROPORTION OF MARKET BY BUILDING SECTOR

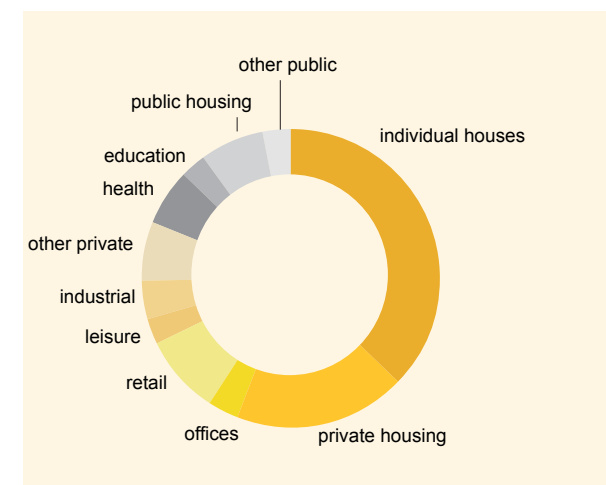
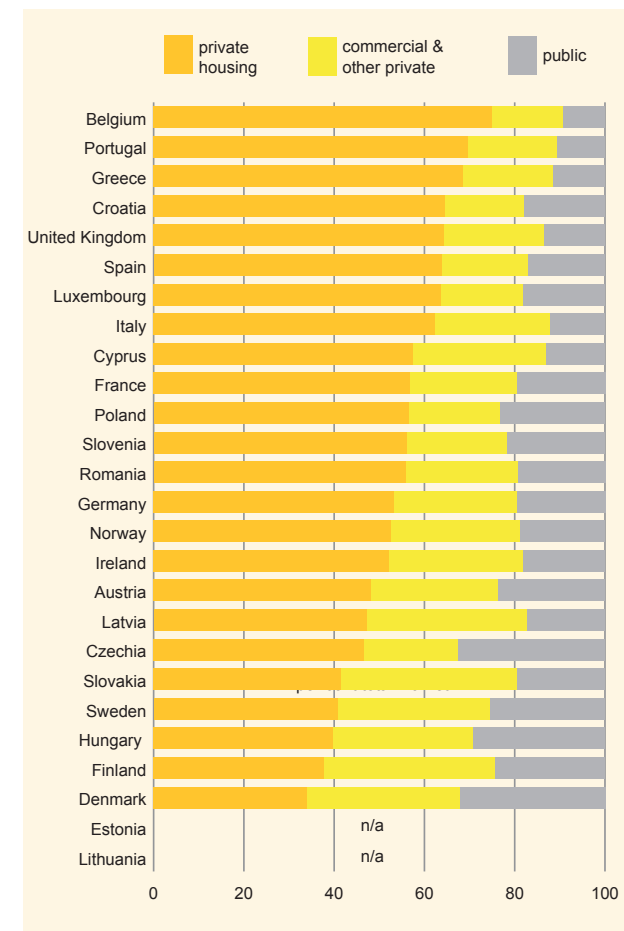


TABLE 2-6
PROPORTION OF MARKET BY BUILDING SECTOR ANALYSED BY COUNTRY

per cent	individual houses extensions loft conversions	private housing	offices	retail	leisure	industrial	health	education	public housing	other private	other public	TOTAL
Austria	33	15	11	7	2	2	3	4	6	6	11	100
Belgium	62	13	3	4	4	2	3	1	3	3	2	100
Croatia	46	19	2	1	1	7	3	2	3	6	10	100
Cyprus*	47	11	0	7	1	10	2	2	4	10	6	100
Czechia	36	11	2	10	3	2	6	0	10	4	17	100
Denmark	24	10	9	14	4	1	0	1	7	6	24	100
Estonia	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Finland	23	15	10	10	7	2	5	2	5	8	13	100
France	42	14	6	6	4	3	4	3	5	5	8	100
Germany	31	23	2	11	2	5	7	4	10	7	0	100
Greece	62	6	0	6	2	1	3	2	2	11	5	100
Hungary*	23	17	2	8	8	11	8	4	11	2	6	100
Ireland	43	9	6	7	5	3	4	3	6	8	5	100
Italy	46	16	2	2	4	3	6	1	2	15	4	100
Latvia*	38	9	15	6	3	1	5	9	2	11	1	100
Lithuania	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Luxembourg	44	19	5	7	2	3	1	1	11	2	5	100
Norway	36	17	1	5	14	6	7	2	7	2	3	100
Poland	37	20	5	6	3	1	11	3	2	4	8	100
Portugal	61	9	1	4	5	2	4	2	1	7	3	100
Romania	44	12	7	5	7	2	10	1	2	4	6	100
Slovakia	37	5	16	7	4	6	5	2	3	5	10	100
Slovenia	49	7	2	13	2	1	9	3	5	5	5	100
Spain	48	16	2	4	3	1	4	3	2	8	8	100
Sweden	25	16	2	11	5	7	5	2	7	8	13	100
United Kingdom	52	12	5	4	1	6	4	3	2	6	5	100
2022 EUROPE-26	37	19	3	9	3	4	6	3	7	6	3	100
2020 EUROPE-26	35	19	9	4	4	6	3	7	3	6	5	100
2018 EUROPE-26	36	18	8	5	4	6	3	6	3	8	4	100
2016 EUROPE-27	39	16	7	7	4	5	3	4	2	9	6	100
2014 EUROPE-26	40	13	6	6	3	6	3	5	3	7	9	100
2012 EUROPE-25	42	9	6	6	3	5	2	4	3	9	11	100

* caution - small sample

CHART 2-9
PROPORTION OF MARKET IN EACH MAIN BUILDING SECTOR RANKED IN ORDER OF HIGHEST PRIVATE HOUSING WORK



2.4 The architectural market analysed by type of service

Building design remains the most significant service type offered by architects. Concept design represents an estimated 33 per cent of the market; detailed design has a slightly smaller share at 29 per cent. Together, building design represents 62 per cent of the architectural market, a larger share than in 2020. In a new question for 2022, architects report that tendering and awarding of the contract represents 2 per cent of the market, this being over 10 per cent in Ireland and the United Kingdom.

A wide range of other services account for the remainder of practice turnover. The market share derived from interior design is more significant in Greece, Italy, Romania and Slovakia; feasibility studies in Norway; BIM co-ordination in Denmark.

CHART 2-10
PROPORTION OF MARKET BY TYPE OF SERVICE

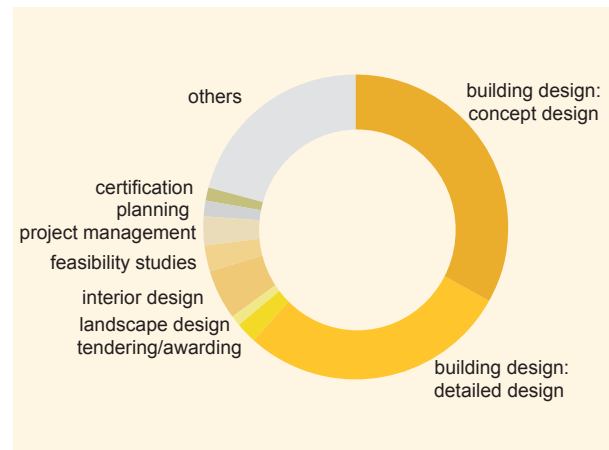


TABLE 2-7
PROPORTION OF MARKET UNDERTAKEN BY EACH SERVICE TYPE

per cent	building design												TOTAL
	concept design	detailed design	tendering/awarding of contract	landscape design	interior design	feasibility studies	project management	urban planning	certification	property valuation	BIM co-ordination	other service	
Austria	27	44	3	1	2	6	3	2	3	1	0	7	100
Belgium	36	35	9	1	6	3	6	1	0	0	0	3	100
Croatia	28	46	2	4	7	0	3	3	1	0	0	4	100
Cyprus*	30	29	11	5	6	0	9	2	2	0	0	7	100
Czechia	24	39	6	6	9	0	6	6	0	1	1	2	100
Denmark	22	21	8	8	3	1	5	1	1	0	10	18	100
Estonia	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Finland	31	41	4	0	7	2	5	8	0	0	1	2	100
France	44	28	3	1	7	7	4	1	0	0	0	4	100
Germany	34	21	0	1	4	2	2	1	1	1	0	32	100
Greece	32	26	6	2	12	0	6	1	1	1	1	12	100
Hungary*	30	49	5	2	3	0	5	0	0	0	0	7	100
Ireland	27	26	19	1	3	4	3	1	4	0	0	13	100
Italy	19	36	6	2	10	5	6	2	2	2	0	9	100
Latvia*	23	42	2	3	7	1	6	1	8	1	0	6	100
Lithuania	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Luxembourg	30	34	7	1	7	6	8	3	0	0	0	2	100
Norway	33	26	5	3	6	12	2	6	0	0	0	7	100
Poland	34	47	3	1	7	1	2	1	0	0	0	2	100
Portugal	31	39	5	1	6	4	4	2	1	1	0	6	100
Romania	22	41	5	1	13	4	3	7	0	0	2	2	100
Slovakia	23	42	3	3	10	2	6	8	0	0	1	1	100
Slovenia	23	39	4	2	8	4	9	5	0	1	0	4	100
Spain	28	37	6	1	5	3	6	3	4	2	0	5	100
Sweden	30	27	3	1	7	6	4	7	1	0	0	13	100
United Kingdom	29	38	11	1	3	8	2	2	1	0	0	5	100
2022 EUR-26	33	29	2	1	5	3	3	2	1	1	0	20	100
2020 EUR-26	31	25	n/a	1	6	3	5	2	2	2	0	22	100
2018 EUR-26	67	n/a	n/a	2	10	3	4	3	2	2	n/a	7	100
2016 EUR-27	62	n/a	n/a	2	11	3	4	3	3	2	n/a	9	100
2014 EUR-26	57	n/a	n/a	3	11	4	5	4	4	2	n/a	11	100
2012 EUR-25	50	n/a	n/a	2	14	6	7	6	n/a	n/a	n/a	16	100

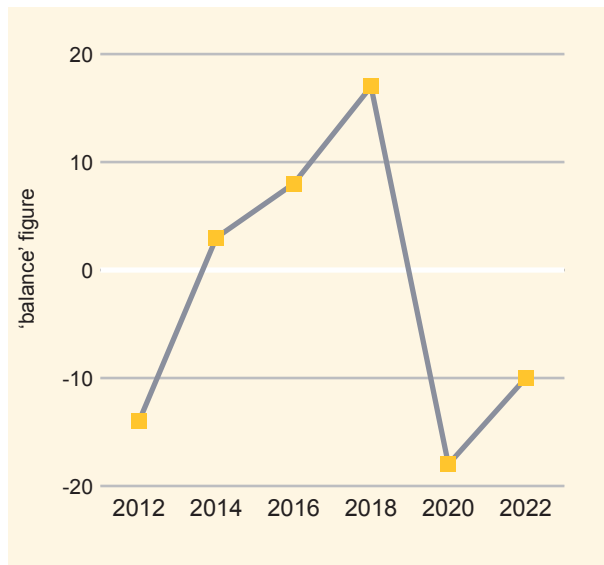
* caution - small sample

2.5 Future prospects

Architects' sentiment about their future prospects has improved since the 2020 survey but remains negative. More architects expect their workloads to fall than to rise in the next 12 months. The difference between the two gives a negative balance of -10. In no country is there a majority of practices

expecting workloads to rise, but more than 40 per cent of architects in Latvia, Romania, and the United Kingdom expect greater workloads in 2023. The greatest pessimism is expressed by architects in Cyprus, Hungary and Norway.

CHART 2-11
CHANGE IN WORKLOAD PROSPECTS
(BALANCE FIGURE). ALL SURVEY COUNTRIES
2012 TO 2022 SURVEYS
Workload predictions made in survey year for the
following year



The 'balance' statistic is calculated by subtracting the per cent of respondents who predict workloads will fall from those who predict a rise

CHART 2-12
WORKLOAD PROSPECTS FOR 2023

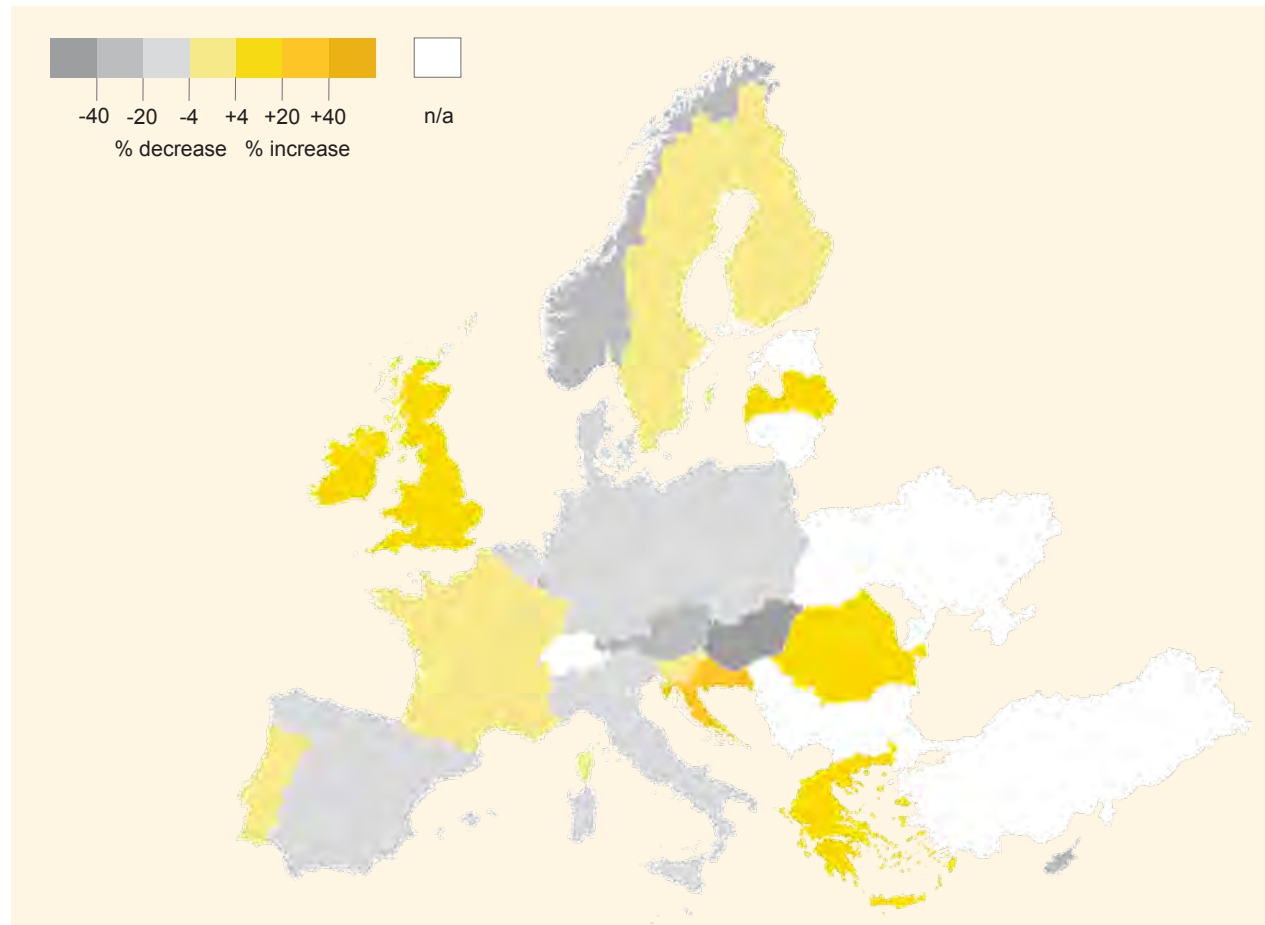
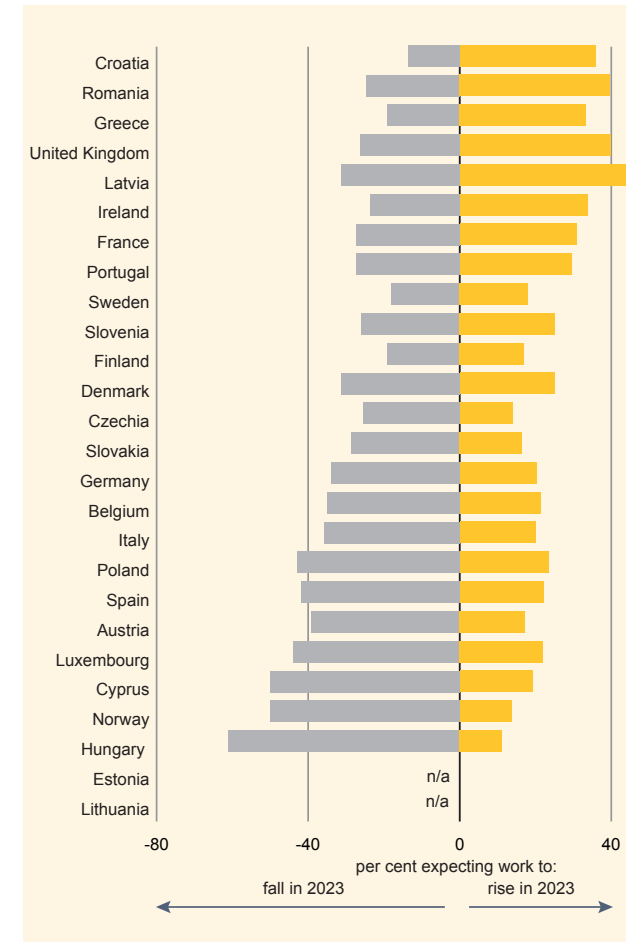


TABLE 2-8
FUTURE WORKLOAD PROSPECTS FOR 2023 ANALYSED BY COUNTRY

per cent	workload prospects - all work			all work balance	private sector balance	public sector balance
	per cent of Principals who expect their practice workloads to change over the coming 12 months					
	rise	no change	fall			
Austria	17	44	39	-22	-28	-26
Belgium	21	44	35	-14	-19	-21
Croatia	36	50	14	22	16	2
Cyprus*	19	31	50	-31	-52	-17
Czechia	14	60	26	-12	-26	-17
Denmark	25	44	31	-6	0	-20
Estonia	n/a	n/a	n/a	n/a	n/a	n/a
Finland	17	64	19	-2	-15	8
France	31	42	27	4	1	-8
Germany	20	46	34	-14	-22	-13
Greece	33	48	19	14	7	-24
Hungary*	11	28	61	-50	-50	-67
Ireland	34	43	24	10	1	3
Italy	20	44	36	-16	-19	-17
Latvia*	44	25	31	13	0	-21
Lithuania	n/a	n/a	n/a	n/a	n/a	n/a
Luxembourg	22	34	44	-22	-34	-19
Norway	14	36	50	-36	-45	-22
Poland	23	34	43	-19	-28	-23
Portugal	29	43	27	2	4	-11
Romania	40	36	25	15	-3	15
Slovakia	16	55	29	-12	-18	-15
Slovenia	25	49	26	-1	-1	-15
Spain	22	36	42	-20	-29	-18
Sweden	18	64	18	0	-6	-1
United Kingdom	40	34	26	14	6	-7
2022 EUROPE-26	24	43	33	-10	-16	-15
2020 EUROPE-26	22	37	41	-19	-21	-25
2018 EUROPE-26	32	53	15	+17	n/a	n/a
2016 EUROPE-27	31	46	23	+8	n/a	n/a
2014 EUROPE-26	28	47	25	+3	n/a	n/a
2012 EUROPE-25	21	43	35	-14	n/a	n/a

'balance' statistic is calculated by subtracting the per cent of respondents who predict workloads will fall from those who predict a rise
* caution - small sample

CHART 2-13
FUTURE WORKLOAD PROSPECTS FOR 2023



Countries ranked in order of the 'balance' statistic. The difference between the bars above and 100% = per cent expecting 'no change'.

Architecture - the practice



Student Hub, UCC, Cork , Ireland
(RIAI Award Winner 2021)
Architects: O'Donnell + Tuomey
Photographer: Jed Niezgoda



150 000

Total number of practices



€237 000

Average revenue per practice
3-5 staff size



€65

Hourly rate for
Partners & Directors



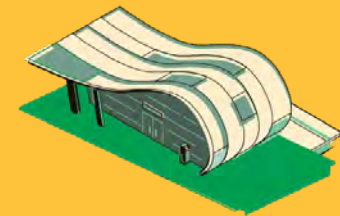
7%

Of practices work
in another European country
last 12 months



92%

Of practices have
Professional Indemnity Insurance



42%

Success rate for
public sector Architectural
Design Competitions

3.1 Profile of architectural practices

The number of practices in Europe-32 has increased this year, to an estimated 150000. This more than compensates for the fall recorded in the last survey, in 2020. Then, we speculated that architects in one or two person practices were moving to work in larger practices. This year, as a result of the pandemic, larger practices are likely to have shed staff so these architects may have set up on their own or in partnership with one or

two others. This may explain why the total number of practices has grown. The largest growth has been in the number of small practices, with 1 or 2 staff. There are now estimated to be fewer practices with 31 to 50 staff, although more with over 50 staff. Average practice size tends to be larger in Finland, Norway and Sweden.

The information in this section is based on the questionnaires completed by Principals. These include Sole Principals Freelancers and Partners & Directors in Private Practice.

The number of practices has been estimated by creating a model and then inserting data from the survey. The model is described in Appendix I

CHART 3-1
CHANGE IN ESTIMATED NUMBER OF PRACTICES IN EUROPE-32 2012 TO 2022

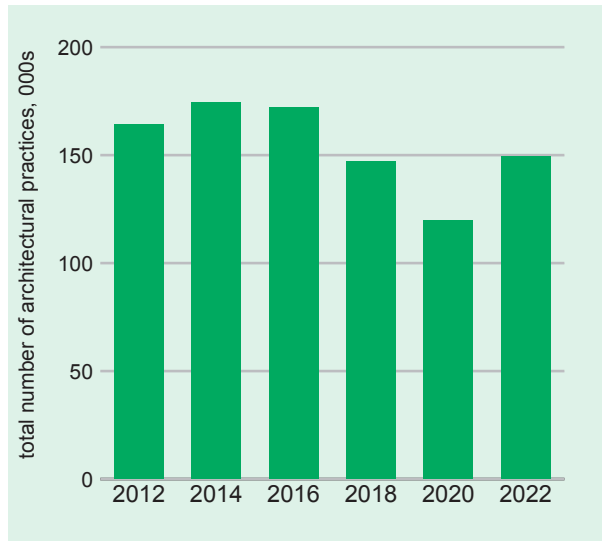


CHART 3-2
AVERAGE SIZE OF ARCHITECTURAL PRACTICES

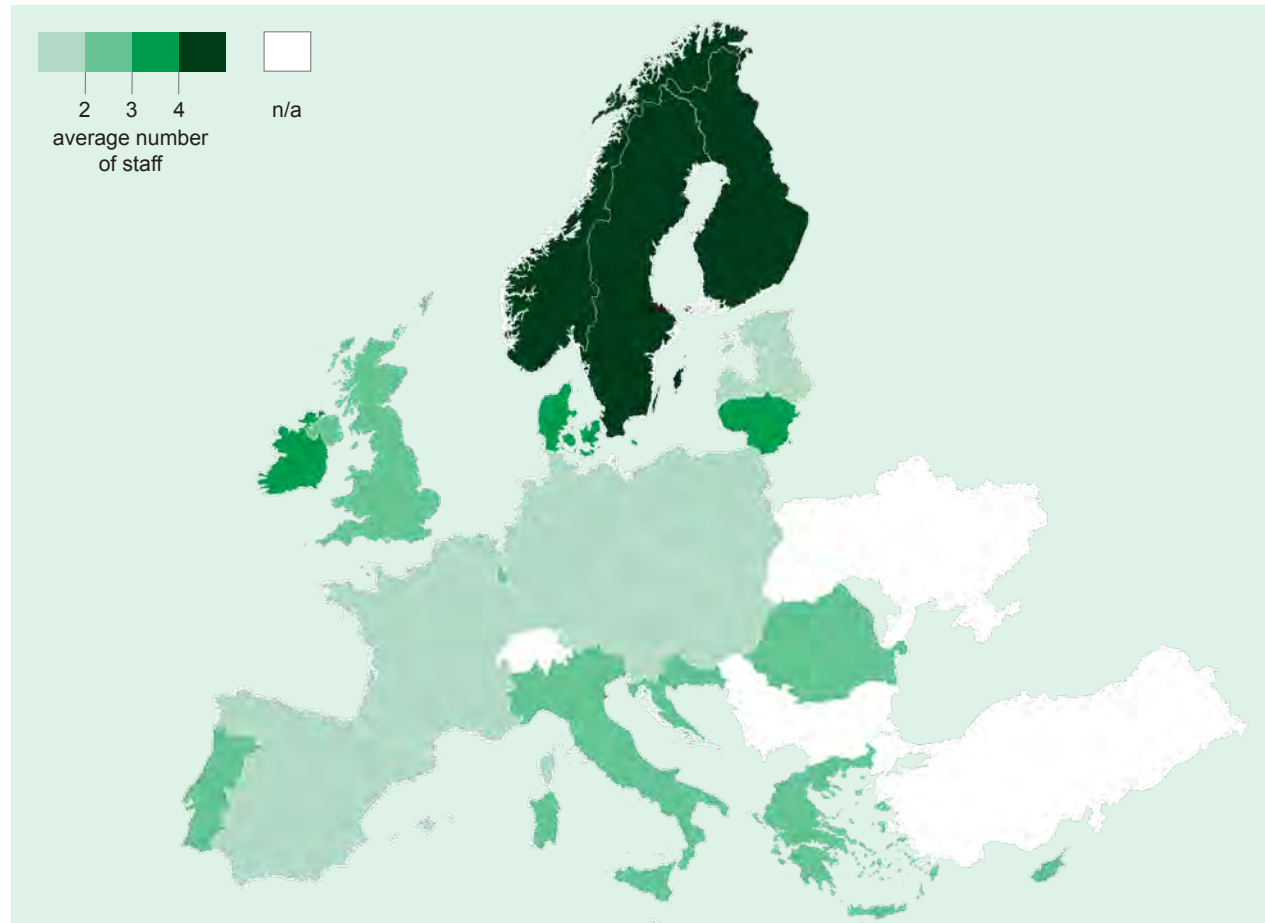


TABLE 3-1
ESTIMATED NUMBER AND SIZE OF ARCHITECTURAL PRACTICES

number (estimate)	size of architectural practice (number of architectural staff)							TOTAL
	1 staff	2 staff	3 to 5 staff	6 to 10 staff	11 to 30 staff	31 to 50 staff	over 50 staff	
Austria	1593	580	266	118	25	3	1	2586
Belgium	2044	750	530	136	108	6	13	3589
Croatia	543	123	169	48	16	2	1	903
Cyprus*	551	220	200	4	12	1	6	994
Czechia	718	187	260	74	38	1	2	1280
Denmark	618	222	143	285	80	10	31	1389
Estonia*	234	10	8	78	3	0	1	335
Finland	166	62	136	68	51	4	15	504
France	5842	1184	705	191	39	4	3	7968
Germany	25214	5976	4652	1523	440	30	8	37844
Greece	2566	939	519	154	53	9	8	4249
Hungary*	875	238	155	54	8	0	4	1333
Ireland	368	72	111	56	25	7	9	647
Italy	13032	4231	4800	815	2673	190	133	25874
Latvia*	148	34	28	8	6	0	0	224
Lithuania*	130	0	43	35	11	2	1	222
Luxembourg	102	30	33	13	6	1	0	185
Norway	407	37	96	42	40	7	7	635
Poland	3684	652	499	169	46	9	11	5070
Portugal	2627	849	726	221	100	17	30	4571
Romania	2742	778	843	213	85	7	3	4671
Slovakia	418	117	83	24	6	1	1	648
Slovenia	403	107	70	16	7	1	1	604
Spain	9152	2278	1630	390	128	23	23	13625
Sweden	580	90	110	51	31	7	21	890
United Kingdom	7280	1540	1226	631	267	52	68	11063
2022 EUR-26	82039	21309	18041	5420	4303	393	401	131903
per cent of practices	62	16	14	4	3	<1	<1	100
<i>2020 EUR-26</i>	<i>72138</i>	<i>16517</i>	<i>14857</i>	<i>4530</i>	<i>2460</i>	<i>419</i>	<i>270</i>	<i>111187</i>
<i>2018 EUR-26</i>	<i>94129</i>	<i>18158</i>	<i>14910</i>	<i>4069</i>	<i>1724</i>	<i>228</i>	<i>139</i>	<i>133354</i>
<i>2016 EUR-27</i>	<i>114247</i>	<i>21319</i>	<i>16706</i>	<i>4243</i>	<i>1516</i>	<i>202</i>	<i>108</i>	<i>158342</i>
<i>2014 EUR-26</i>	<i>120242</i>	<i>22423</i>	<i>16066</i>	<i>3151</i>	<i>1069</i>	<i>100</i>	<i>30</i>	<i>163078</i>
<i>2012 EUR-25</i>	<i>98193</i>	<i>28134</i>	<i>22663</i>	<i>5247</i>	<i>1305</i>	<i>151</i>	<i>35</i>	<i>155725</i>

*architectural staff' includes principals partners & directors; associates; salaried architects; technical staff; permanent and freelance.
* caution - small sample Row or column totals may not add precisely due to rounding.

CHART 3-3
PRACTICES ANALYSED BY SIZE

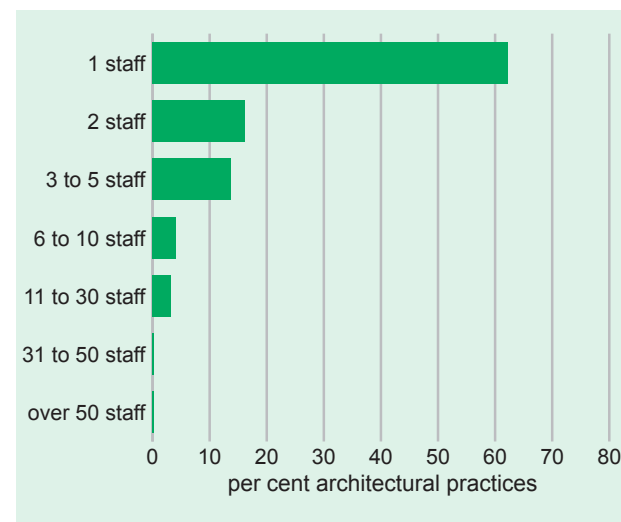
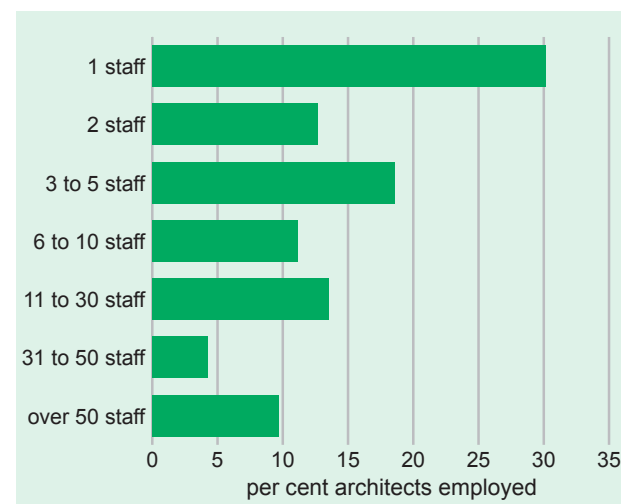


CHART 3-4
PROPORTION OF ARCHITECTS EMPLOYED IN PRACTICES OF DIFFERENT SIZES



3.2 Legal formation of practices

Two thirds of practices consider themselves to be independent architects, essentially Sole Traders. The next most popular legal formation, used by 18 per cent of practices, is being a Limited company. More than twice as many practices are Limited companies than are partnerships (7 per cent).

While the proportion of practices that are independent architects has been broadly stable over the past ten years, the proportion that are partnerships has continued to decline. Over the last ten years, the proportion of practices that have 'other' legal formations has increased - for example co-operatives or employee owned trusts.

CHART 3-5
TYPE OF ARCHITECTURAL BUSINESSES

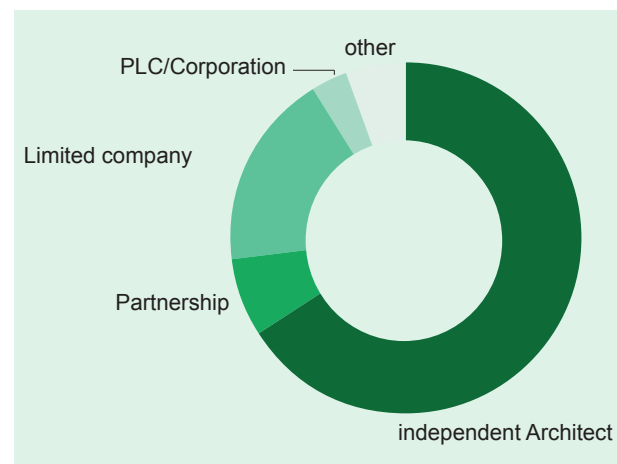


TABLE 3-2
LEGAL FORMATION OF ARCHITECTURAL PRACTICES - BASED ON TYPE OF PRACTICE IN WHICH PRINCIPALS WORK

per cent	independent Architect	Partnership	Limited company	PLC (public limited company) / corporation	other
Austria	60	7	31	1	1
Belgium	57	6	28	5	4
Croatia	14	3	80	1	2
Cyprus*	58	4	31	0	8
Czechia	35	19	26	2	19
Denmark	38	25	19	13	6
Estonia*	56	11	22	11	0
Finland	21	2	72	4	0
France	49	2	34	10	4
Germany	66	14	12	0	8
Greece	82	7	3	5	3
Hungary*	17	6	72	-	6
Ireland	41	10	43	4	3
Italy	93	3	2	1	1
Latvia*	25	25	31	6	13
Lithuania*	0	100	0	0	0
Luxembourg	31	0	54	13	2
Norway	26	30	22	17	4
Poland	78	5	14	0	2
Portugal	50	5	7	28	10
Romania	33	4	60	2	1
Slovakia	38	2	55	2	2
Slovenia	41	3	57	0	0
Spain	73	6	11	0	10
Sweden	24	0	70	4	3
United Kingdom	30	2	51	6	10
2022 EUROPE-26	66	7	18	3	5
2020 EUROPE-26	65	11	17	1	6
2018 EUROPE-26	64	7	20	2	7
2016 EUROPE-27	52	10	36	2	0
2014 EUROPE-26	65	9	21	4	1
2012 EUROPE-25	67	9	21	2	1

* caution - small sample

3.3 Practice turnover

Turnover relates to the revenue earned by practices, measured before tax. The average turnover per practice rises in line with practice size, which is why average turnover is reported for a variety of practice sizes rather than as a single figure. There is less information for the largest practice size groups due to smaller sample sizes and there is also more variation within these size groups.

Average practice turnover is lower for each practice size this year compared with the previous survey in 2020. That is probably a direct effect of the pandemic; the 2020 figure relates almost entirely to the pre-pandemic period. The average for 1 person practices is 3 per cent lower than in 2020, but average turnover is lower by a larger amount for medium and large practices. The average turnover for a 11-30 person practice has fallen by 10 per cent while average turnover is 17 per cent lower for practices with more than 50 staff. Average turnover values for the very largest size groups are affected by variability in the composition of the survey respondents so it is not surprising that average turnovers there are less likely to show a consistent pattern.

Figures are averages (means) and refer to the 12 months ending 01 May 2022 or the year 2021/22 or latest accounting year.

Figures are unadjusted for PPP.

Turnover excludes VAT.

The minimum number of responses to give a reliable answer is 10. But for smaller countries we have extended this to 5 and in very exceptional cases to 4. Where there are fewer than four responses or where the figure varies excessively from the mean we mark the data as n/a.

TABLE 3-3
AVERAGE TURNOVER PER PRACTICE ANALYSED BY COUNTRY AND PRACTICE SIZE
TURNOVER EXCLUDES VAT

€	average (mean) turnover: size of practice (number of architectural staff)						
	1	2	3 to 5	6 to 10	11 to 30	31 to 50	51+
Austria	90980	128970	255839	695969	1988462	n/a	n/a
Belgium	60271	326719	182714	536500	n/a	n/a	n/a
Croatia	34550	53438	130374	296499	266620	n/a	n/a
Cyprus*	n/a	n/a	102000	n/a	n/a	n/a	n/a
Czechia	37240	n/a	73235	n/a	n/a	n/a	n/a
Denmark	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Estonia*	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Finland	76086	n/a	n/a	n/a	979833	n/a	n/a
France	65331	129632	280963	598345	1550000	n/a	n/a
Germany	87259	153273	301210	622718	1490366	3463089	10814250
Greece	14560	22169	35349	112167	n/a	n/a	n/a
Hungary*	n/a	n/a	80754	n/a	n/a	n/a	n/a
Ireland	56684	135714	235805	580796	3191429	n/a	n/a
Italy	32107	56588	52618	n/a	n/a	n/a	n/a
Latvia*	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Lithuania*	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Luxembourg	92100	181505	295992	553612	1850429	n/a	n/a
Norway	35770	n/a	n/a	n/a	n/a	n/a	n/a
Portugal	25256	33128	208145	144394	387454	n/a	6710515
Poland	24416	46214	134954	260457	1223018	n/a	5110286
Romania	27141	32255	176999	n/a	401672	n/a	n/a
Slovakia	37382	36314	92962	175260	n/a	n/a	n/a
Slovenia	33941	76193	206462	452500	n/a	n/a	n/a
Spain	40036	72609	100699	424018	2150000	n/a	n/a
Sweden	82100	168239	n/a	n/a	2597375	n/a	n/a
United Kingdom	47465	170389	352798	484572	n/a	n/a	n/a
2022 EUR-26	63073	111809	237039	522804	1410682	3794951	11853695
<i>2020 EUR-26</i>	<i>64946</i>	<i>122130</i>	<i>253441</i>	<i>634732</i>	<i>1559226</i>	<i>4109345</i>	<i>14223314</i>
<i>2018 EUR-26</i>	<i>66180</i>	<i>115601</i>	<i>228107</i>	<i>554285</i>	<i>1364204</i>	<i>2555257</i>	<i>18655138</i>
<i>2016 EUR-27</i>	<i>48025</i>	<i>117358</i>	<i>218397</i>	<i>551141</i>	<i>1758965</i>	<i>5710433</i>	<i>12133689</i>
<i>2014 EUR-26</i>	<i>40646</i>	<i>87651</i>	<i>169450</i>	<i>520474</i>	<i>1743964</i>	<i>9309970</i>	<i>15570115</i>
<i>2012 EUR-25</i>	<i>41755</i>	<i>78648</i>	<i>166607</i>	<i>437493</i>	<i>1397166</i>	<i>3626922</i>	<i>16538301</i>

* caution - small sample

3.4 How practices charge for their services

There is a wide range of methods of calculating how much to charge for services offered. This year's survey shows the most popular method, used by 35 per cent of architects, is to charge on the basis of a percentage of the job's contract value. This method is used for a majority of jobs in seven countries, including France, Belgium and Luxembourg. The popularity of this method of charging had waned in recent years but has increased again in 2022. Slightly fewer architects calculate charges as a lump sum, 27 per cent being a little lower than in previous years. This method is widely used in Greece, Ireland, Portugal and Slovenia. Far fewer architects, 15 per cent, make the calculation based on an hourly charge. In most countries, fewer than 20 per cent of architects use this method although in Norway and Sweden hourly charges are used by a majority of architects.

A very small proportion of jobs are undertaken at risk, with no charge agreed prior to commencing work. Almost one in five architects (19 per cent) uses 'other' methods. In the case of Germany, this includes the official scale of fees for architects.

TABLE 3-4
HOW CHARGES ARE CALCULATED

per cent current jobs	method of calculating charge				
	per cent of contract value	lump sum	hourly charge	no charge agreed (effectively "at risk")	other method
Austria	51	22	21	1	5
Belgium	52	26	16	1	5
Croatia	29	31	10	5	25
Cyprus*	58	32	4	0	6
Czechia	20	51	18	2	8
Denmark	29	39	22	2	8
Estonia*	15	35	36	6	7
Finland	4	37	41	2	15
France	62	27	8	1	3
Germany	6	10	22	3	59
Greece	30	46	11	8	6
Hungary*	53	27	8	0	11
Ireland	36	44	15	2	3
Italy	50	30	9	4	6
Latvia*	32	30	30	0	8
Lithuania*	14	86	0	0	0
Luxembourg	69	18	10	1	1
Norway	6	42	52	0	0
Poland	28	25	22	4	20
Portugal	38	41	9	3	9
Romania	25	35	10	3	26
Slovakia	44	28	16	5	9
Slovenia	29	42	13	4	11
Spain	49	27	12	4	8
Sweden	3	33	58	3	3
United Kingdom	40	40	15	1	3
2022 EUROPE-26	35	27	15	3	19
2020 EUROPE-26	28	30	15	4	23
2018 EUROPE-26	32	28	13	3	25
2016 EUROPE-27	45	34	14	7	n/a
2014 EUROPE-26	47	32	14	7	n/a
2012 EUROPE-25	43	36	12	9	n/a

* caution - small sample

** includes HOAI Official Scale of Fees for architects established in Germany

3.5 Hourly charge-out rates

Average hourly rates for Principals are 5 per cent higher than in the previous survey in 2020, 4 per cent higher for architects but remain unchanged for technologists. Average rates have been adjusted for purchasing power parity (PPP) to allow more meaningful comparisons between countries. These adjusted figures show average hourly rates for Principals are highest in Luxembourg, Austria and Denmark.

CHART 3-6
AVERAGE HOURLY CHARGE-OUT RATES FOR PRINCIPALS ADJUSTED FOR PPP

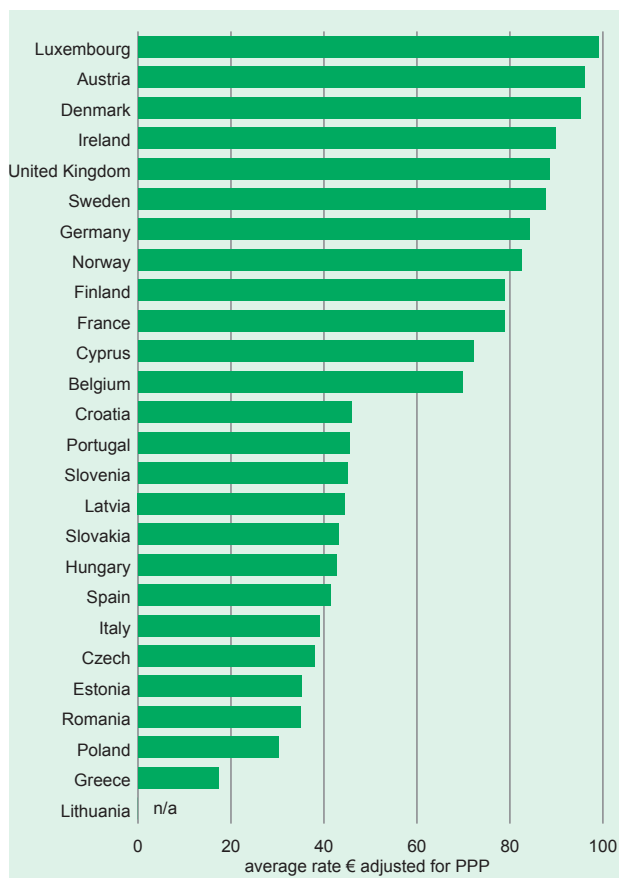


TABLE 3-5
AVERAGE HOURLY CHARGE-OUT RATES ADJUSTED TO TAKE ACCOUNT OF PURCHASING POWER PARITY (PPP)

Average hourly rates refer to the average charged to clients for an hour of the architect's work before tax.

€	average (median) hourly charge-out rates					
	adjusted for PPP			unadjusted for PPP		
	principals	architect employees	technologists	principals	architect employees	technologists
Austria	96	84	71	108	95	80
Belgium	70	61	52	80	70	60
Croatia	46	37	20	33	26	15
Cyprus*	72	50	28	65	45	25
Czechia	38	27	22	28	20	16
Denmark	95	86	81	134	121	116
Estonia*	35	41	26	30	35	23
Finland	79	70	51	100	89	65
France	79	70	57	90	80	65
Germany	84	70	59	90	75	60
Greece	17	12	12	15	10	10
Hungary*	43	40	16	28	26	11
Ireland	90	60	49	120	80	65
Italy	39	39	24	40	40	25
Latvia*	45	38	19	35	30	15
Lithuania	n/a	n/a	n/a	n/a	n/a	n/a
Luxembourg	99	76	57	130	100	75
Norway	83	78	67	123	116	101
Poland	30	18	11	18	11	6
Portugal	46	34	25	40	30	25
Romania	35	29	18	19	16	10
Slovakia	43	31	18	35	25	15
Slovenia	45	36	23	40	35	20
Spain	41	31	19	35	25	18
Sweden	88	80	72	106	96	87
United Kingdom	89	74	59	107	89	72
2022 EUROPE-26	65	51	39	64	55	42
2020 EUROPE-26**	62	49	39	61	52	42
2018 EUROPE-26**	68	56	43	78	64	49
2016 EUROPE-27**	60	48	36	66	54	41
2014 EUROPE-26**	57	48	36	61	52	39
2012 EUROPE-25**	54	44	29	55	43	30

Data is expressed in Euros but each country's figure has been adjusted using an index of Purchasing Power Parity (PPP). This index takes account of price level differences across countries. We have used an index sourced from the OECD.

* caution - small sample ** revised and weighted

3.6 Turnover from outside own country

An average 2.5 per cent of practice turnover comes from international work, defined as work on jobs located outside the practice's own country. Seven per cent of practices are involved in international work, most of whom undertake jobs in other parts of Europe.

CHART 3-7
ORIGIN OF INTERNATIONAL WORK

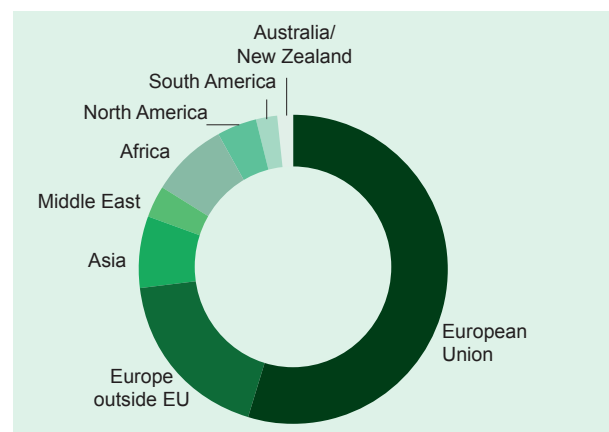


TABLE 3-7
TURNOVER SHARE AND INVOLVEMENT
IN INTERNATIONAL WORK

per cent	per cent of market	per cent of practices involved
own country	98	99
other EU country	1	6
other Europe outside EU	<1	2
Asia	<1	1
Middle East	<1	1
Africa	<1	1
North America	<1	<1
South America	<1	<1
Australia/New Zealand	<1	<1

involved = have worked on at least one job in these regions in the last year

TABLE 3-6
PROPORTION OF PRACTICE TURNOVER DERIVED FROM OUTSIDE THE COUNTRY
ANALYSED BY COUNTRY

per cent	own country	other EU country	other Europe outside EU	Asia	Middle East	Africa	North America	South America	Australia/New Zealand	TOTAL
Austria	96	3	0	0	0	0	1	0	0	100
Belgium	97	1	0	0	0	1	0	0	0	100
Croatia	97	2	1	0	0	0	0	0	0	100
Cyprus*	99	1	0	0	0	0	0	0	0	100
Czechia	95	2	3	0	0	0	0	0	0	100
Denmark	80	12	0	0	1	0	5	0	0	100
Estonia*	94	6	0	0	0	0	0	0	0	100
Finland	97	0	0	3	0	0	0	0	0	100
France	98	1	0	0	0	0	0	0	0	100
Germany	98	1	0	0	0	0	0	0	0	100
Greece	97	1	2	0	0	0	0	0	0	100
Hungary*	92	4	4	0	0	0	0	0	0	100
Ireland	96	3	1	0	0	0	0	0	0	100
Italy	98	1	0	1	0	0	0	0	0	100
Latvia*	94	0	6	0	0	0	0	0	0	100
Lithuania*	100	0	0	0	0	0	0	0	0	100
Luxembourg	89	10	1	0	0	0	0	0	0	100
Norway	70	15	10	2	2	2	0	0	0	100
Poland	98	1	0	0	0	0	0	0	0	100
Portugal	95	2	1	0	0	1	0	0	0	100
Romania	98	2	0	0	0	0	0	0	0	100
Slovakia	96	3	1	0	0	0	0	0	0	100
Slovenia	97	2	1	0	0	0	0	0	0	100
Spain	98	1	1	0	0	0	0	0	0	100
Sweden	91	2	1	2	1	2	1	0	0	100
United Kingdom	96	3	1	0	0	0	0	0	0	100
2022 EUR-26	97.5	1.4	0.5	0.2	0.1	0.2	0.1	0.1	<0.1	100
2020 EUR-26	97.2	1.6	0.3	0.2	0.2	0.3	0.2	0.1	<0.1	100
2018 EUR-26	95.8	2.8				1.4				100
2016 EUR-27	95.7	2.7				1.6				100
2014 EUR-26	93.6	3.7				2.7				100
2012 EUR-25	94.4	n/a				n/a				100

* caution - small sample

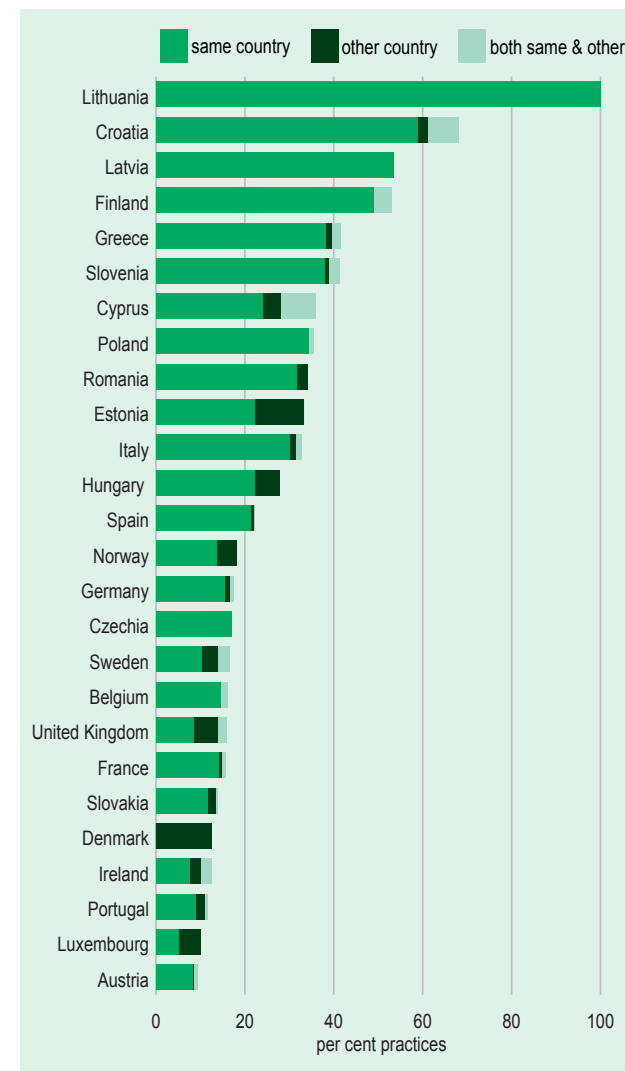
3.7 Associations

TABLE 3-8
PROPORTION OF PRACTICES HAVING A FORMAL ASSOCIATION WITH ANOTHER PRACTICE

per cent	no formal association	have a formal association		
		with architect / practice in same country	with architect / practice in another country	both
Austria	91	8	0	1
Belgium	84	15	0	2
Croatia	32	59	2	7
Cyprus*	64	24	4	8
Czechia	83	17	0	0
Denmark	88	0	13	0
Estonia*	67	22	11	0
Finland	47	49	0	4
France	84	14	1	1
Germany	83	15	1	1
Greece	59	38	1	2
Hungary*	72	22	6	0
Ireland	88	8	3	3
Italy	67	30	1	1
Latvia*	47	53	0	0
Lithuania*	0	100	0	0
Luxembourg	90	5	5	0
Norway	82	14	5	0
Poland	64	34	0	1
Portugal	88	9	2	1
Romania	66	32	3	0
Slovakia	86	12	2	1
Slovenia	59	38	1	3
Spain	78	21	1	0
Sweden	84	10	4	3
United Kingdom	84	8	6	2
2022 EUROPE-26	76	21	2	1
2020 EUROPE-26	82	15	1	1
2018 EUROPE-26	83	15	1	1
2016 EUROPE-27	80	17	2	1
2014 EUROPE-26	84	14	2	1
2012 EUROPE-25	79	18	2	1

* caution - small sample

CHART 3-8
PROPORTION OF PRACTICES HAVING A FORMAL ASSOCIATION WITH ANOTHER PRACTICE



3.7 Associations (continued)

Overall, 24 per cent of practices in Europe have an association with another practice (table 3-8). This proportion is higher than in previous years. In most cases, this is an association with a practice in the same country. About half or more architects in Croatia and Finland have an association with another practice in the same country. Ten per cent of architects in Denmark have an association with an architectural practice in another country.

3.8 Branch offices

Slightly more architects work in a branch office now compared with in previous surveys, the proportion this year is 7 per cent. More architects from Denmark, Finland, Norway and Romania work in a branch office than elsewhere.

For nearly all architects who work in a branch office, the head office is located in the same country as the branch office (92 per cent) while in most cases (85 per cent) the branch office is in the same country as where the architect is established.

TABLE 3-9
PROPORTION OF ARCHITECTS WORKING IN BRANCH OFFICE AND
LOCATION OF BRANCH OFFICE'S HEAD OFFICE

per cent	work in branch office	for those who work in branch office head office is located in...	
		same country as where branch office is located	same country as where architect is established
Austria	4	87	88
Belgium	5	93	94
Croatia	6	94	93
Cyprus*	14	87	100
Czechia	5	88	87
Denmark	22	86	83
Estonia*	4	50	75
Finland	14	88	79
France	2	100	99
Germany	9	56	77
Greece	7	95	95
Hungary*	10	100	100
Ireland	11	93	85
Italy	4	96	97
Latvia*	21	100	85
Lithuania*	17	67	75
Luxembourg	10	75	83
Norway	17	0	81
Poland	8	92	93
Portugal	11	92	87
Romania	13	98	96
Slovakia	11	92	90
Slovenia	2	97	94
Spain	7	93	14
Sweden	11	77	75
United Kingdom	10	87	89
2022 EUROPE-26	7	92	85
2020 EUROPE-26	5	86	86
2018 EUROPE-26	6	91	90
2016 EUROPE-27	6	95	95
2014 EUROPE-26	6	96	96
2012 EUROPE-25	6	90	91

* caution - small sample

3.9 Public bids & Architectural Design Competitions

Sixteen per cent of practices entered an Architectural Design competition in the last 12 months, higher than in 2018 and 2020. But practices made fewer bids for OJEU projects, averaging 0.5 bids per practice compared with 0.9 in 2020.

The most frequently cited reason for not making OJEU bids was because the process was too onerous. About one in three practices said the process was too costly, or the timetable too tight, or they did not have sufficient experience for the job.

Amongst practices who entered an Architectural Design Competition, success rates achieved have improved on previous years. For public sector competitions the success rate is 42 per cent; for private sector it is 62 per cent. However, the higher success rates have come at a cost of needing to spend many more hours preparing entries than previously, with a greater financial burden on practices. But rewards are correspondingly higher, too; the average fee received for successful competition entries and the average prize money received are both higher than in any of the previous surveys.

CHART 3-9 PRACTICES ENTERING ARCHITECTURAL DESIGN COMPETITIONS LAST 12 MONTHS

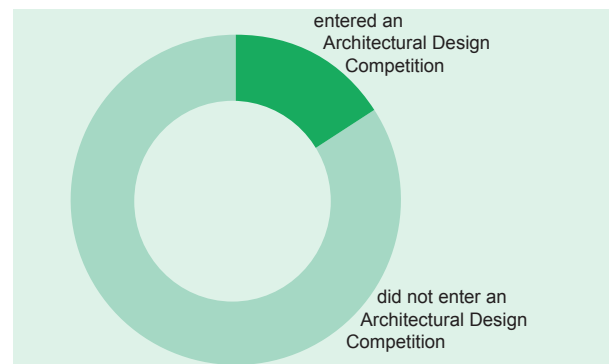


CHART 3-10 DIFFICULTIES EXPERIENCED BY PRACTICES IN THE OJEU BIDDING PROCESS

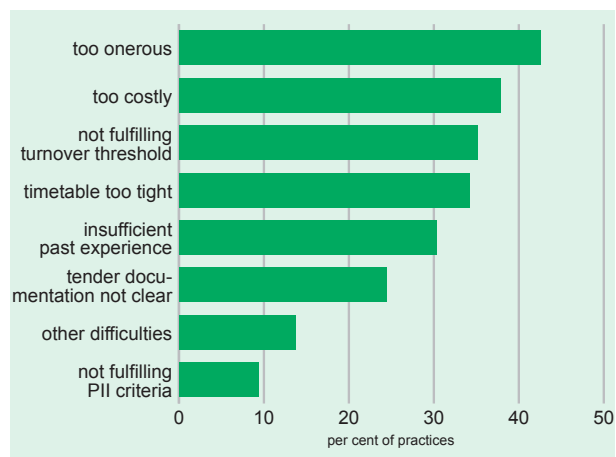


CHART 3-11 ARCHITECTURAL DESIGN COMPETITIONS ENTERED LAST 12 MONTHS - SUCCESS RATES

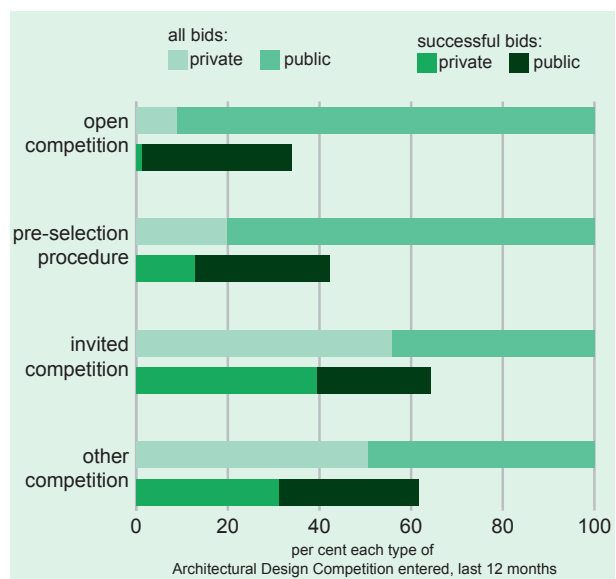


TABLE 3-10 ENTERING ARCHITECTURAL DESIGN COMPETITIONS AND BIDDING FOR PROJECTS ADVERTISED IN OJEU

per cent / number	% practices participating in Architectural Design Competition	average number of bids for OJEU projects
Austria	45	1.4
Belgium	20	1.0
Croatia	20	0.6
Cyprus*	21	0.0
Czechia	32	0.9
Denmark	44	8.4
Estonia*	20	0.0
Finland	40	5.9
France	20	1.8
Germany	17	0.5
Greece	15	0.2
Hungary*	31	0.8
Ireland	13	2.6
Italy	11	0.6
Latvia*	15	0.0
Lithuania*	100	n/a
Luxembourg	35	2.1
Norway	47	3.1
Poland	8	0.4
Portugal	12	0.3
Romania	15	0.1
Slovakia	41	0.1
Slovenia	15	0.2
Spain	9	1.8
Sweden	31	1.4
United Kingdom	14	0.2
2022 EUROPE-26	16	0.5
2020 EUROPE-26	13	0.9
2018 EUROPE-26	12	2.3
2016 EUROPE-27	20	n/a
2014 EUROPE-26	n/a	n/a
2012 EUROPE-25	n/a	n/a

* caution - small sample

TABLE 3-11
 TYPE OF ARCHITECTURAL DESIGN COMPETITION ENTERED LAST 12 MONTHS
 ANALYSED BY COUNTRY

per cent	Architectural Design Competitions entered last 12 months							
	open competition	competition with pre-selection procedure	invited competition	other competition	ALL	ALL public	ALL private	ALL
Austria	39	21	35	6	100	86	14	100
Belgium	13	41	46	0	100	98	2	100
Croatia	69	10	21	0	100	82	18	100
Cyprus*	50	21	29	0	100	79	21	100
Czechia	39	3	12	45	100	88	12	100
Denmark	21	70	9	0	100	91	9	100
Estonia*	100	0	0	0	100	100	0	100
Finland	30	68	1	1	100	39	61	100
France	25	39	18	18	100	65	35	100
Germany	24	41	26	9	100	78	22	100
Greece	26	19	37	18	100	30	70	100
Hungary*	44	17	39	0	100	72	28	100
Ireland	28	42	31	0	100	56	44	100
Italy	7	6	86	2	100	16	84	100
Latvia*	0	0	100	0	100	0	100	100
Lithuania*	47	24	29	0	100	47	53	100
Luxembourg	30	37	24	9	100	80	20	100
Norway	11	61	28	0	100	67	33	100
Poland	63	19	12	6	100	63	37	100
Portugal	16	5	59	21	100	37	63	100
Romania	80	1	19	0	100	86	14	100
Slovakia	47	6	32	15	100	63	37	100
Slovenia	17	3	78	1	100	23	77	100
Spain	41	1	22	35	100	64	36	100
Sweden	11	9	6	74	100	36	64	100
United Kingdom	8	2	12	78	100	89	11	100
2022 EUROPE-26	30	29	27	14	100	66	34	100
2020 EUROPE-26	28	38	25	10	100	73	27	100
2018 EUROPE-26	15	63	17	5	100	63	37	100
2016 EUROPE-27	36	28	24	12	100	73	27	100
2014 EUROPE-26	n/a	n/a	n/a	n/a	n/a	82	18	100
2012 EUROPE-25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

* caution - small sample

 TABLE 3-12
 ARCHITECTURAL DESIGN COMPETITION
 SUCCESS RATES

per cent	Architectural Design Competitions entered last 12 months	
	success rate - public	success rate - private
Austria	37	42
Belgium	49	100
Croatia	66	76
Cyprus*	36	100
Czechia	14	50
Denmark	36	100
Estonia*	0	n/a
Finland	17	53
France	40	56
Germany	34	45
Greece	27	85
Hungary*	46	20
Ireland	26	47
Italy	47	60
Latvia*	n/a	50
Lithuania*	0	44
Luxembourg	34	40
Norway	50	60
Poland	17	58
Portugal	72	85
Romania	41	23
Slovakia	50	51
Slovenia	44	99
Spain	49	100
Sweden	37	10
United Kingdom	46	62
2022 EUROPE-26	42	62
2020 EUROPE-26	30	44
2018 EUROPE-26	43	58
2016 EUROPE-27	31	48
2014 EUROPE-26	n/a	n/a
2012 EUROPE-25	n/a	n/a

* caution - small sample

TABLE 3-13
INVESTMENT AND REWARDS: PARTICIPATION IN ARCHITECTURAL DESIGN COMPETITIONS LAST 12 MONTHS
ANALYSED BY COUNTRY

average (mean) per practice	all Architectural Design Competitions entered last 12 months				Architectural Design Competition prize money	
	number of hours spent participating in Architectural Design Competitions	average total financial cost** per practice of participating €	average fee turnover per practice from successful Architectural Design Competitions €	average build cost per practice of won projects € million	receive prize money - per cent of ALL practices which were successful at Architectural Design Competitions	average prize money (excluding zero) €
Austria	1242	214261	734 430	47.6	36	36 000
Belgium	1903	89084	410 000	7.6	15	16 850
Croatia	792	8684	287 792	6.4	52	7 202
Cyprus*	393	4 751	n/a	n/a	n/a	n/a
Czechia	287	4 739	2 533	0.5	22	1 756
Denmark	95	11 561	2 689	0.0	n/a	n/a
Estonia*	68	0	n/a	n/a	n/a	n/a
Finland	807	46 126	600 001	3.0	31	50 001
France	350	22 878	353 312	7.8	18	27 932
Germany	935	44 257	1 036 336	24.7	72	40 436
Greece	602	22 920	636 250	38.3	10	16 667
Hungary*	775	9 908	15 324	2.4	43	6 605
Ireland	381	28 000	1 550 000	27.5	5	25 000
Italy	222	4 154	77 083	2.2	11	2 500
Latvia*	100	2 500	50 000	0.8	n/a	n/a
Lithuania*	n/a	n/a	n/a	n/a	n/a	n/a
Luxembourg	568	44 672	43 000	57.8	22	9 200
Norway	866	78 309	1 538 460	4.2	23	120 960
Poland	257	3 541	44 310	0.6	10	3 542
Portugal	755	18 368	553 026	27.9	12	162 418
Romania	129	3 136	n/a	0.3	n/a	n/a
Slovakia	477	7 133	168 845	9.3	41	12 102
Slovenia	770	16 035	15 539	9.3	20	4 816
Spain	264	7 632	50 000	11.0	16	6 189
Sweden	968	50 665	389 454	72.1	16	39 770
United Kingdom	158	11 254	494 223	24.1	13	4 027
2022 EUROPE-26	797	45 381	703 144	22.5	29	40 893
<i>2020 EUROPE-26</i>	<i>297</i>	<i>17 490</i>	<i>317 263</i>	<i>16.1</i>	<i>19</i>	<i>20 507</i>
<i>2018 EUROPE-26</i>	<i>288</i>	<i>14 266</i>	<i>217 442</i>	<i>11.2</i>	<i>19</i>	<i>17 955</i>
<i>2016 EUROPE-27</i>	<i>424</i>	<i>12 624</i>	<i>113 822</i>	<i>11.6</i>	<i>17</i>	<i>13 110</i>
<i>2014 EUROPE-26</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>
<i>2012 EUROPE-25</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>

* caution - small sample

** includes staff costs

3.10 Certification work

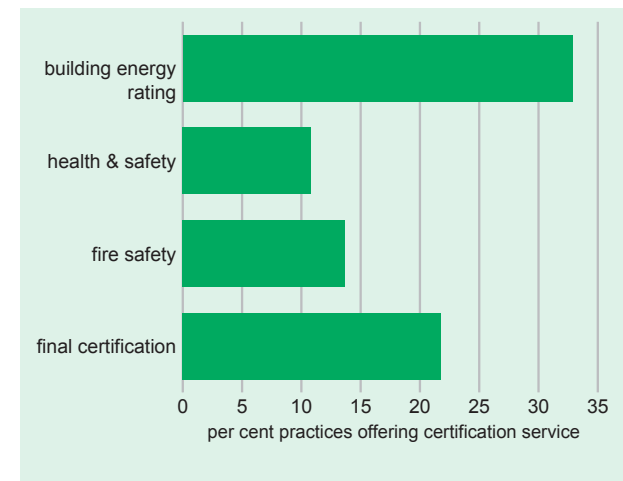
TABLE 3-14
ARCHITECTURAL PRACTICES OFFERING CERTIFICATION SERVICES ANALYSED BY COUNTRY

per cent of practices who offer service	offer at least one certification service	type of certification offered			
		building energy rating	health & safety	fire safety	final certification of whole building
Austria	34	14	3	7	25
Belgium	36	32	8	7	8
Croatia	19	14	1	7	4
Cyprus*	47	7	13	13	40
Czechia	33	26	4	4	4
Denmark	50	25	25	25	0
Estonia*	20	20	0	20	20
Finland	14	7	7	0	4
France	26	17	4	11	7
Germany	n/a	n/a	n/a	n/a	n/a
Greece	37	32	11	11	21
Hungary*	82	64	18	55	9
Ireland	80	7	19	17	75
Italy	57	38	10	12	21
Latvia*	45	18	9	9	18
Lithuania*	100	100	0	0	0
Luxembourg	44	37	5	0	14
Norway	20	13	20	7	7
Poland	46	40	14	16	15
Portugal	39	29	14	27	15
Romania	43	19	12	38	4
Slovakia	31	26	1	7	6
Slovenia	14	8	3	1	7
Spain	73	66	18	16	44
Sweden	23	11	11	7	4
United Kingdom	43	4	6	4	38
2022 EUROPE-26	50	33	11	14	22
2020 EUROPE-26	n/a	25	11	10	20
2018 EUROPE-26	n/a	41	29	24	37
2016 EUROPE-27	n/a	44	26	26	n/a
2014 EUROPE-26	n/a	42	24	35	n/a
2012 EUROPE-25	n/a	n/a	n/a	n/a	n/a

* caution - small sample

One third of practices offer their clients a building energy rating, the most common certification service offered. A particularly high proportion of practices in Spain offers this service. The final certification of the whole building is offered by 22 per cent of architects, this being a particularly common service offered by practices in Ireland. Fewer practices offer health & safety (11 per cent) or fire safety (14 per cent) certification services. Taken together, half of Europe’s practices offer clients at least one certification service.

CHART 3-12
CERTIFICATION SERVICES OFFERED



3.11 Post Occupancy Evaluation (POE)

TABLE 3-15
ARCHITECTURAL PRACTICES OFFERING POE ANALYSED BY COUNTRY

per cent of practices who offer service	offer a Post Occupancy Evaluation	stage at which architects agreed to undertake the POE:		
		Design phase	Construction phase	after Completion
Austria	14	39	18	43
Belgium	12	33	0	67
Croatia	4	57	29	14
Cyprus*	12	40	0	60
Czechia	6	50	0	50
Denmark	25	0	0	100
Estonia*	0	n/a	n/a	n/a
Finland	6	100	0	0
France	7	39	18	43
Germany	n/a	n/a	n/a	n/a
Greece	17	13	13	75
Hungary*	27	0	0	100
Ireland	23	24	6	71
Italy	1	0	0	100
Latvia*	11	0	100	0
Lithuania*	100	100	0	0
Luxembourg	9	60	0	40
Norway	14	25	0	75
Poland	10	34	28	38
Portugal	12	28	18	55
Romania	36	16	23	61
Slovakia	4	20	10	70
Slovenia	8	67	0	33
Spain	8	35	22	43
Sweden	6	71	14	14
United Kingdom	23	42	11	47
2022 EUROPE-26	10	19	9	72
<i>2020 EUROPE-26</i>	<i>13</i>	<i>38</i>	<i>18</i>	<i>45</i>
<i>2018 EUROPE-26</i>	<i>13</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>
<i>2016 EUROPE-27</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>
<i>2014 EUROPE-26</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>
<i>2012 EUROPE-25</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>

* caution - small sample

A Post Occupancy Evaluation (POE) makes it possible to find out whether the building performs the way it was designed by the architect. Ten per cent of architects in Europe offer a POE, a slightly lower proportion than in the previous two years. More than 20 per cent of practices in Denmark, Ireland, Romania and the United Kingdom offer clients a POE.

A clear majority of practices come to an agreement to undertake a POE after a building has been completed. Although 19 per cent of practices were commissioned at the design stage and another 9 per cent during the construction phase.

3.12 Professional Indemnity Insurance

This is a new question for the ACE Sector Study. Nearly all practices have Professional Indemnity Insurance (PII) cover. Europe-wide, 92 per cent of practices have PII. In several countries, including Germany and the United Kingdom, 100 per cent of practices have PII. In many other countries the proportion is over 90 per cent. Only in Portugal, Romania, Estonia and Greece do fewer than 80 per cent of practices have PII.

The level of PII cover varies by practice size but the average (median) value is between €500000 and €999999. Half of practices spend less than 2.5 per cent of their turnover on PII premiums. Fifteen per cent of PII covers are for individual, named, projects only. The remaining 85 per cent of practices have PII cover that is universal. Eighteen per cent of practices say their PII insurance covers them for working in another country.

CHART 3-15
PROPORTION OF PRACTICES
WITH PII COVER

CHART 3-13
COST OF PII PREMIUMS AS A PROPORTION OF
PRACTICE TURNOVER

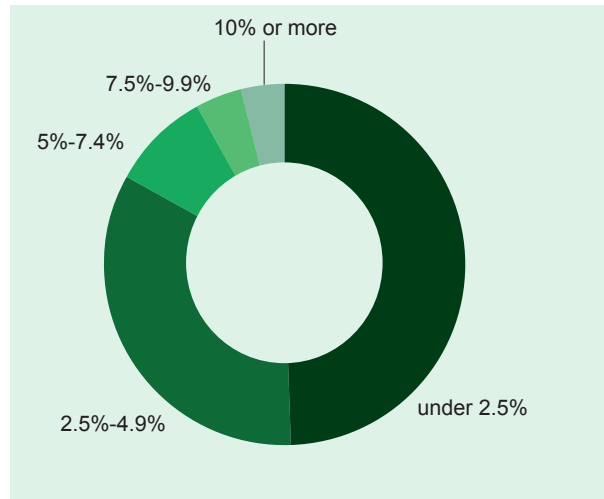


CHART 3-14
PII COVER HELD BY PRACTICES

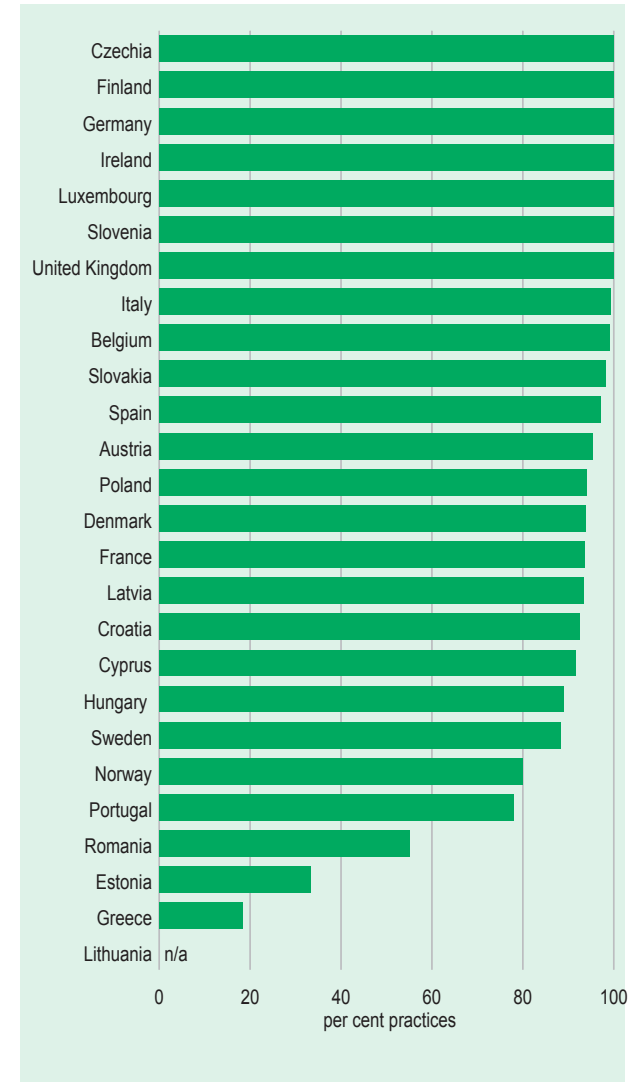
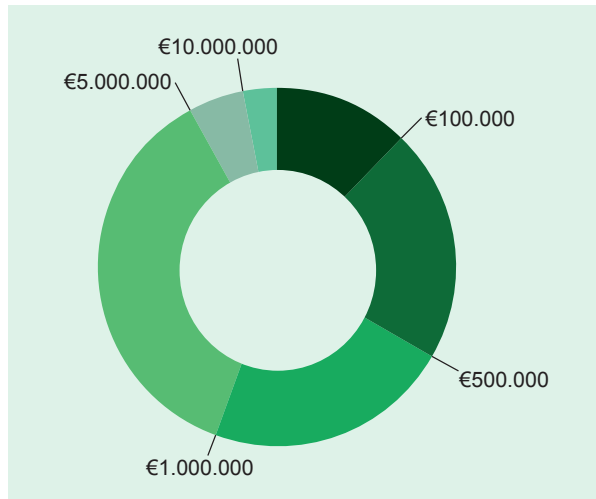


TABLE 3-16
PRACTICES WITH PROFESSIONAL INDEMNITY INSURANCE (PII)

per cent	have PII cover						per cent	extent of PII cover		PII provides cover for working in another country
	of those who have PII cover							universal cover	individual named projects only	
		mandatory for private work	mandatory for public work	mandatory in some regions	client requirement	own choice				
Austria	95	39	47	16	22	52	Austria	95	5	44
Belgium	99	82	50	10	8	12	Belgium	62	38	21
Croatia	93	35	21	19	5	27	Croatia	94	6	7
Cyprus*	92	59	30	7	11	33	Cyprus*	76	24	9
Czechia	100	49	47	9	16	51	Czechia	95	5	20
Denmark	94	35	59	0	29	41	Denmark	85	15	50
Estonia*	33	0	0	0	9	27	Estonia*	100	0	17
Finland	100	49	49	4	45	68	Finland	100	0	28
France	94	62	47	4	3	13	France	86	14	10
Germany	100	n/a	n/a	n/a	n/a	n/a	Germany	n/a	n/a	21
Greece	18	8	5	1	6	18	Greece	58	42	15
Hungary*	89	47	32	21	16	26	Hungary*	81	19	13
Ireland	100	65	58	16	28	49	Ireland	97	3	28
Italy	99	81	40	3	5	41	Italy	92	8	15
Latvia*	93	50	44	13	6	13	Latvia*	79	21	21
Lithuania	n/a	n/a	n/a	n/a	n/a	n/a	Lithuania*	n/a	n/a	n/a
Luxembourg	100	87	69	16	5	11	Luxembourg	88	13	44
Norway	80	48	48	0	9	35	Norway	94	6	28
Poland	94	46	37	24	15	40	Poland	80	20	6
Portugal	78	42	29	4	4	24	Portugal	65	35	7
Romania	55	16	17	3	14	28	Romania	48	52	3
Slovakia	98	42	42	17	8	46	Slovakia	94	6	13
Slovenia	100	23	22	80	7	24	Slovenia	98	2	8
Spain	97	58	36	11	8	41	Spain	78	22	13
Sweden	88	21	27	4	12	60	Sweden	97	3	20
United Kingdom	100	80	59	19	28	46	United Kingdom	98	2	29
2022 EUROPE-26	92	49	31	6	8	28	2022 EUROPE-26	85	15	18
2020 EUROPE-26	n/a	n/a	n/a	n/a	n/a	n/a	2020 EUROPE-26	n/a	n/a	n/a
2018 EUROPE-26	n/a	n/a	n/a	n/a	n/a	n/a	2018 EUROPE-26	n/a	n/a	n/a
2016 EUROPE-27	n/a	n/a	n/a	n/a	n/a	n/a	2016 EUROPE-27	n/a	n/a	n/a
2014 EUROPE-26	n/a	n/a	n/a	n/a	n/a	n/a	2014 EUROPE-26	n/a	n/a	n/a
2012 EUROPE-25	n/a	n/a	n/a	n/a	n/a	n/a	2012 EUROPE-25	n/a	n/a	n/a

* caution - small sample

Architects - the individual

4F



Kindergarten Kinderkrippe Mühlgasse:
Ein "Nest" für Kinder - Lannach, Austria
Architects: Bertold Weber Architekten
Photographer: Paul Ott



+6%

Average earnings have increased



€46 800

Average earnings for
Partners & Directors



47

Weekly hours worked
by Partners & Directors



21%

Studied in another country



7%

Worked in another European
country
in the last 12 months



20

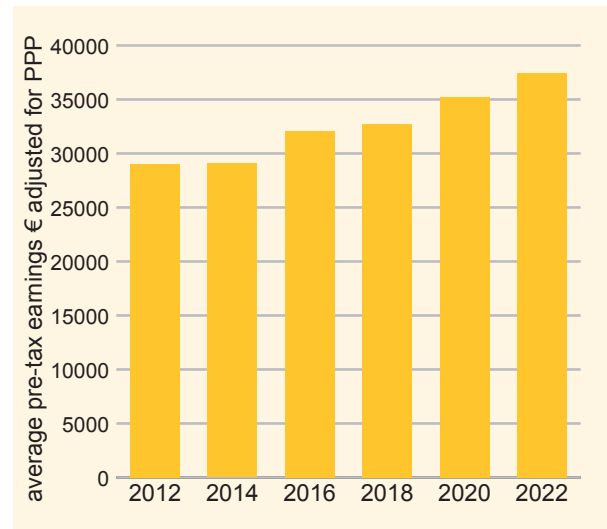
Hours CPD per year

4.1 Earnings

Architects' average earnings have now reached € 37500. This is the average for all architects across Europe and is adjusted for PPP. Average earnings tend to be highest in Germany, Norway, Denmark, Luxembourg and Austria.

Partners & Directors report the highest average earnings, €46800. The average figure reported by Sole Principals is €40000. This is a substantially higher average than the figure

CHART 4-1
CHANGE IN ALL ARCHITECTS' AVERAGE PRE-TAX EARNINGS (ALL SURVEY COUNTRIES) 2012 TO 2022



AVERAGE EARNINGS ARE ADJUSTED FOR PPP
The adjustment of average earnings for Purchasing Power Parity (PPP) takes account of differing price levels in the surveyed countries adjusting each country's average earnings figure by its PPP index. Earnings figures in the country pages are not adjusted.

Earnings data are converted from local currencies to Euros using exchange rate as at 01.05.22.

All earnings are before tax.

for salaried architects employed in private practices, for whom the average this year is €33000. Taken across all employment groups, average earnings are higher among architects employed in the public sector than those in the private sector.

Architects' earnings have risen consistently since 2014. The rise since the last survey, in 2020, is 6 per cent. However, changes have been inconsistent between the different employment

fields. Average earnings have fallen significantly this year for Partners & Directors, by 7 per cent. By contrast, amongst their staff, salaried architects in private practice, average earnings are 3 per cent higher. Average earnings amongst Sole Principals are 5 per cent higher in 2022 compared with 2020.

CHART 4-2
RANGE OF AVERAGE PRE-TAX EARNINGS FOR ALL FULL-TIME ARCHITECTS ADJUSTED FOR PPP

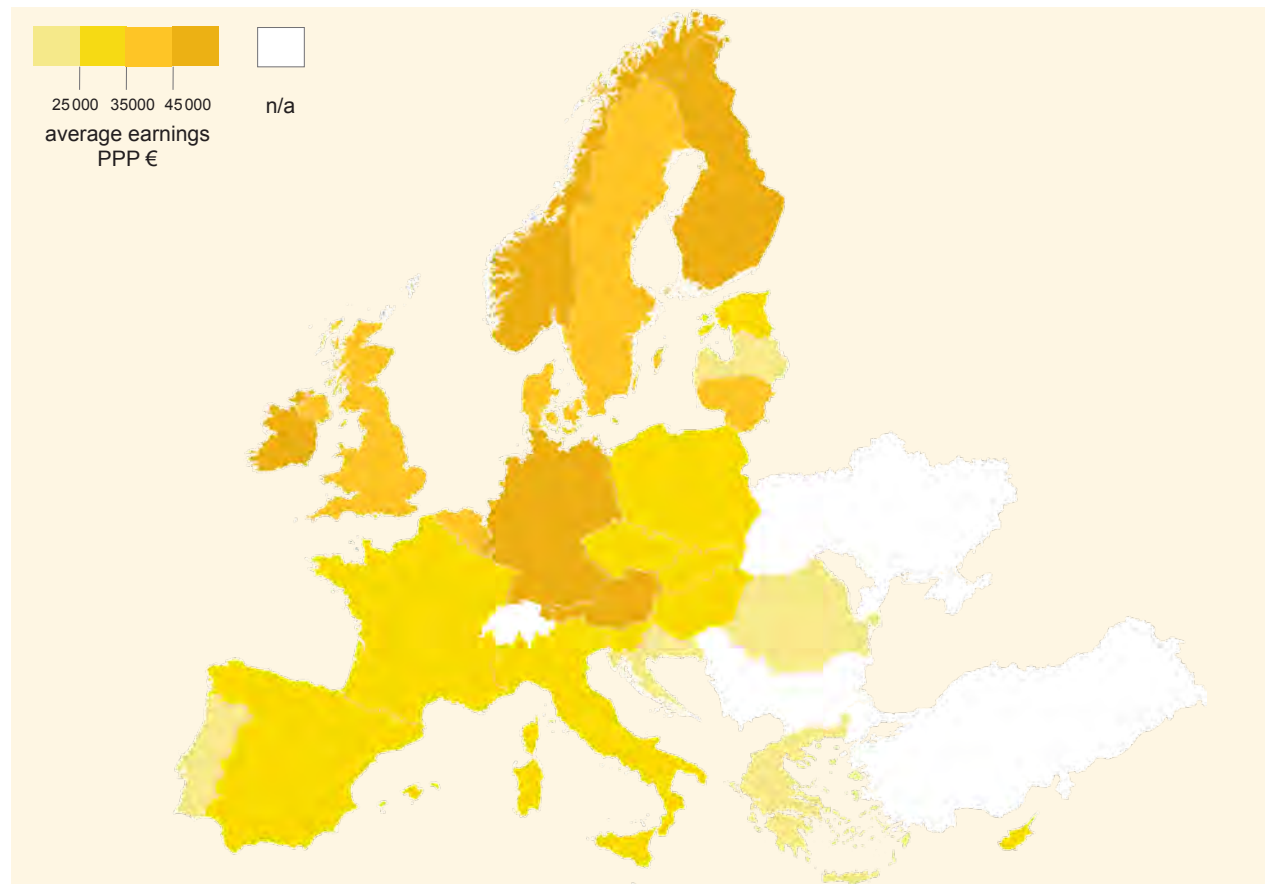


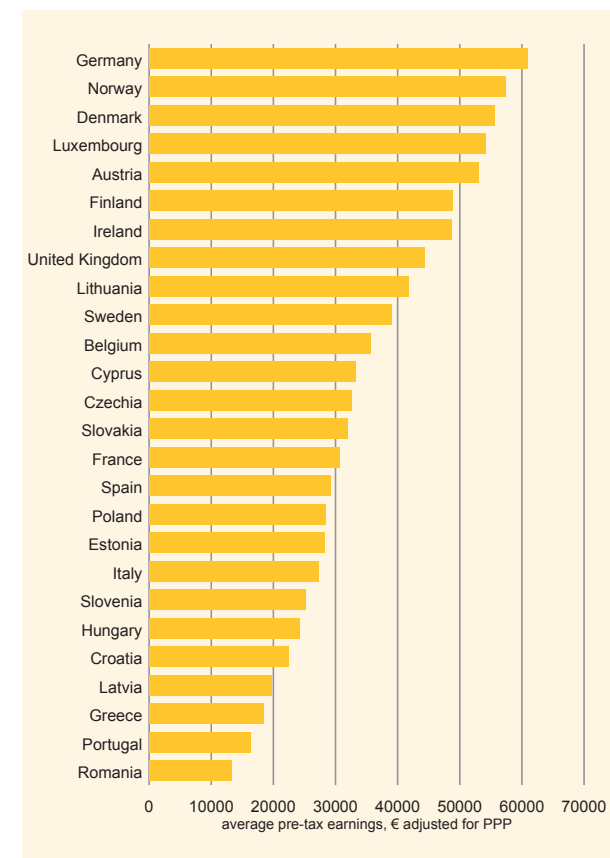
TABLE 4-1
AVERAGE PRE-TAX EARNINGS OF ALL FULL-TIME ARCHITECTS ANALYSED BY COUNTRY

€	average (median) pre-tax earnings 2022		average (median) pre-tax earnings adjusted for PPP				
	adjusted for PPP	unadjusted for PPP	2020	2018	2016	2014	2012
Austria	53 097	60 000	43 629	46 168	47 529	42 095	42 174
Belgium	35 658	41 500	33 424	32 520	35 481	30 192	28 354
Croatia	22 478	16 004	24 173	17 844	19 338	17 946	18 078
Cyprus*	33 296	30 000	28 221	27 375	17 518	13 150	19 410
Czechia	32 598	24 318	41 736	42 684	39 478	43 187	42 543
Denmark	55 655	78 640	38 217	21 401	19 947	22 215	12 776
Estonia*	28 202	24 000	45 008	41 735	41 771	40 486	38 339
Finland	48 856	61 950	32 169	28 998	27 986	27 498	27 326
France	30 675	35 000	57 143	54 286	n/a	43 350	46 422
Germany	60 865	64 750	15 421	15 421	n/a	16 145	18 927
Greece	18 476	16 000	25 707	20 566	19 609	n/a	13 678
Hungary*	24 276	15 852	47 847	39 872	40 816	38 103	36 847
Ireland	48 685	65 000	25 717	24 728	24 777	27 132	24 248
Italy	27 264	28 000	44 892	20 124	n/a	n/a	n/a
Latvia*	19 720	15 500	55 004	56 738	58 725	48 701	46 267
Lithuania*	41 807	30 000	48 976	44 524	39 047	54 496	n/a
Luxembourg	54 157	71 000	50 939	46 965	n/a	n/a	n/a
Norway	57 311	84 168	22 932	15 010	17 489	n/a	22 045
Poland	28 453	17 072	14 101	14 101	14 833	13 433	13 714
Portugal	16 382	14 400	19 048	10 273	15 274	9 822	10 844
Romania	13 252	7 276	13 619	n/a	n/a	n/a	n/a
Slovakia	31 936	25 900	28 944	n/a	18 018	15 581	n/a
Slovenia	25 255	22 250	35 170	28 136	24 406	19 808	17 964
Spain	29 211	25 608	32 503	26 002	24 390	28 354	20 534
Sweden	39 054	47 099	37 559	33 052	41 216	35 890	35 649
United Kingdom	44 302	53 694	38 916	40 862	38 871	37 582	48 242
2022 EUROPE-26** (2020-26 2018-26 2016-27 2014-26 2012-25)	37 461	39 558	35 220	32 731	32 068	29 070	29 014

* caution - small sample

** The 2022 EUROPE-26 figure is weighted to reflect the total architectural population in all participating countries
Earnings data converted from local currencies to Euros exchange rate as at 01.05.22

CHART 4-3
AVERAGE PRE-TAX EARNINGS ALL FULL-TIME ARCHITECTS ADJUSTED FOR PURCHASING POWER PARITY (PPP)



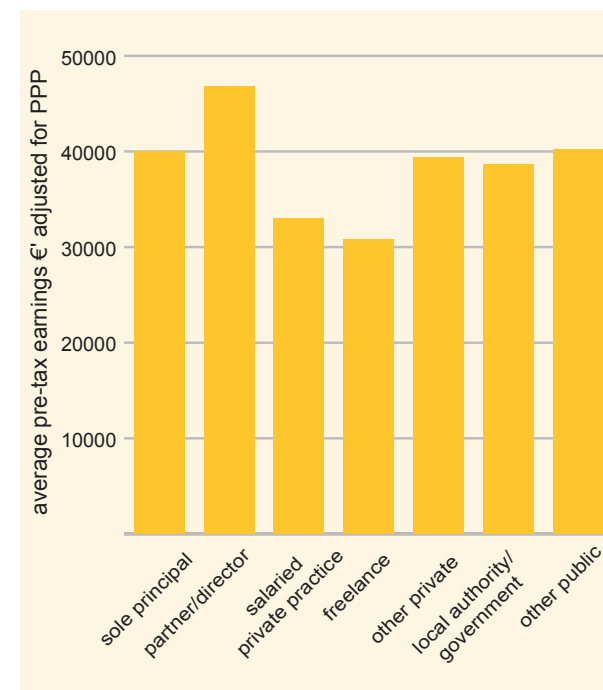
4.2 Earnings by field of employment

TABLE 4-2
AVERAGE PRE-TAX EARNINGS ANALYSED BY COUNTRY AND FIELD OF EMPLOYMENT
(ADJUSTED FOR PPP)

€	average (median) pre-tax earnings adjusted for PPP									
	sole principal	partner/director	ALL Principals	private practice salaried employees	freelance	other private	ALL private	local / central gov't	other public	ALL public
Austria	48673	53097	53097	55752	n/a	n/a	53097	n/a	n/a	n/a
Belgium	39233	43592	39669	34699	31386	31386	34874	41412	30514	39233
Croatia	22298	22298	22298	23227	n/a	4898	22298	29452	29854	29854
Cyprus*	29412	48835	37458	18624	n/a	n/a	32186	n/a	57714	57714
Czechia	32598	39117	32598	29881	32462	32462	32598	35695	n/a	43464
Denmark	50803	67425	61839	48234	n/a	90380	57082	34249	n/a	34249
Estonia*	n/a	42303	35253	30552	n/a	n/a	30552	27497	n/a	26851
Finland	49743	77348	72612	45398	n/a	48382	50908	46961	45204	45955
France	26687	32603	28046	31551	29185	29798	30675	35057	35057	35057
Germany	68620	79900	71507	49820	56400	72380	58280	62980	67348	63920
Greece	17321	28868	17898	18476	18476	17667	18476	19400	21363	20785
Hungary*	22690	43696	24276	26299	n/a	n/a	24276	n/a	n/a	20230
Ireland	29918	74794	56096	44877	n/a	59835	47868	52356	57218	53104
Italy	34080	29211	32132	23369	19474	22785	28043	24343	25233	24343
Latvia*	15267	n/a	11959	22901	n/a	n/a	18321	n/a	n/a	n/a
Lithuania*	n/a	n/a	23022	40449	n/a	n/a	40449	n/a	n/a	44604
Luxembourg	45767	80854	56827	54157	45004	45004	54157	n/a	n/a	n/a
Norway	41803	69110	67425	49220	n/a	n/a	57311	47197	n/a	48883
Poland	28987	42680	32010	24079	32864	32864	28453	28453	28453	28453
Portugal	16496	18771	17065	14790	13652	14505	15927	19340	22526	19340
Romania	13989	14375	14375	6375	9203	13252	13252	n/a	n/a	2393
Slovakia	30826	36991	35650	36991	25894	29593	32059	23736	32552	31011
Slovenia	24972	42281	27242	20772	n/a	22701	24858	28377	n/a	28944
Spain	31056	41408	36232	26462	19474	19961	28202	41408	32609	41152
Sweden	38655	55791	47821	36663	17295	17534	37779	43421	49383	43629
United Kingdom	34949	54147	44794	44302	n/a	58413	44302	44302	55131	50209
2022 EUR-26	39952	46839	42576	32986	30793	39377	36975	38621	40190	39037
2020 EUR-26	38225	50194	40131	32006	31358	38820	34584	37490	41862	38504
2018 EUR-26	34322	38960	35995	28492	21668	29674	31122	38200	37587	37773
2016 EUR-27	35679	49640	39643	29732	19822	27750	34277	34563	29732	33379
2014 EUR-26	29070	38760	31977	28571	19380	29636	29070	31159	31372	31224
2012 EUR-25	29098	39767	29098	28167	19399	29098	28487	32004	29098	30807

* caution - small sample

CHART 4-4
PRE-TAX EARNINGS BY FIELD OF EMPLOYMENT
(ADJUSTED FOR PPP)



Earnings data converted from local currencies to Euros exchange rate as at 01.05.22 and then adjusted for PPP

4.3 Earnings by age

TABLE 4-3
AVERAGE PRE-TAX EARNINGS ANALYSED BY AGE (ADJUSTED FOR PPP)

€	2022			2020 EUR-26 MEDIAN	2018 EUR-26 MEDIAN	2016 EUR-27 MEDIAN	2014 EUR-26 MEDIAN	2012 EUR-25 MEDIAN
	lower quartile	MEDIAN	upper quartile					
<30	19884	24 512	29449	24 341	14 185	16 848	14 241	14 549
30-34	22772	30 296	38 124	28 777	25 231	22 995	14 763	19 399
35-39	26800	36 598	46 471	33 094	29 504	26 759	30 189	24 902
40-44	29360	40 566	55 751	37 233	33 038	29 732	32 704	29 098
45-49	30 184	45 282	61 429	39 261	36 960	36 022	38 611	33 800
50-54	33 552	46 461	60 877	46 143	40 469	40 634	44 025	36 081
55-59	34 698	47 525	70 362	43 014	44 577	42 440	44 824	38 797
60-64	32 817	44 837	63 131	42 879	40 844	42 751	48 264	41 370
65+	24 148	48 724	69 232	46 501	32 375	39 374	29 151	37 354

Earnings data converted from local currencies to Euros exchange rate as at 01.05.22 and then adjusted for PPP

Architects' average earnings rise generally as age increases. Average earnings at age 45-49 are 24 per cent higher than the age group for architects ten years younger (aged 35-39). The rise in earnings slows beyond age 50 although average earnings peak at age 65+.

Compared with the 2020 survey, average earnings have increased the most for architects aged between 30 and 49 and for age 55 upwards. Average earnings reported by architects aged under 30 have barely changed since the 2020 survey.

CHART 4-6
CHANGE IN ARCHITECTS' AVERAGE PRE-TAX EARNINGS SELECTED AGES 2012-22

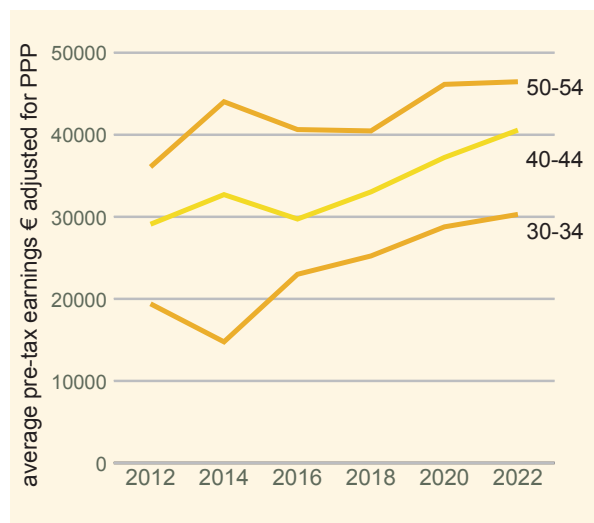
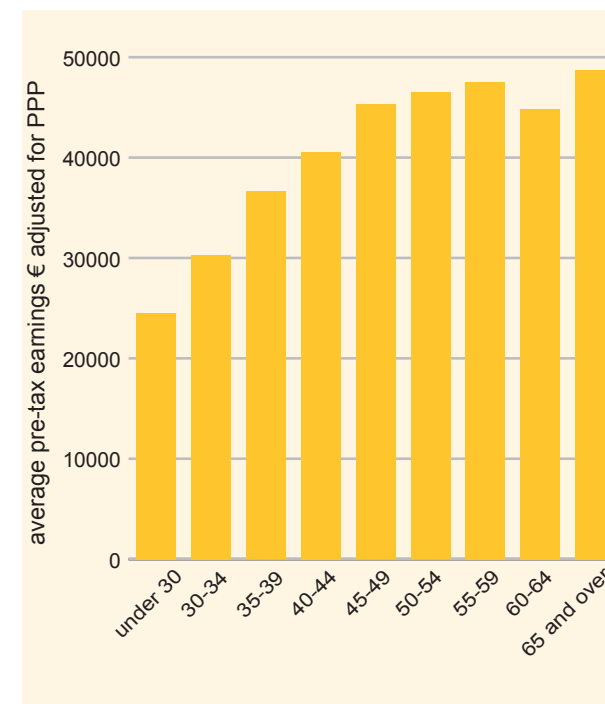


CHART 4-5
AVERAGE PRE-TAX EARNINGS BY AGE (ADJUSTED FOR PPP)



4.4 Earnings by gender

The analysis by gender shows that average earnings for male and for female architects have trended up over time, however average earnings for female architects have consistently been lower than those of male architects. But since 2016, average earnings for female architects have grown at a faster rate than for male architects and consequently the gender pay gap has narrowed.

The gender pay gap was 32 per cent in 2016 but has narrowed considerably since to 21 per cent in the last survey, 2020, falling further to 17 per cent now. The gender pay gap has fallen to below 10 per cent for almost all age groups below the age of 50 and is below 10 per cent in size out of the 26 countries surveyed this year.

CHART 4-7
AVERAGE PRE-TAX EARNINGS OF MALE AND FEMALE ARCHITECTS WORKING FULL-TIME (ADJUSTED FOR PPP)

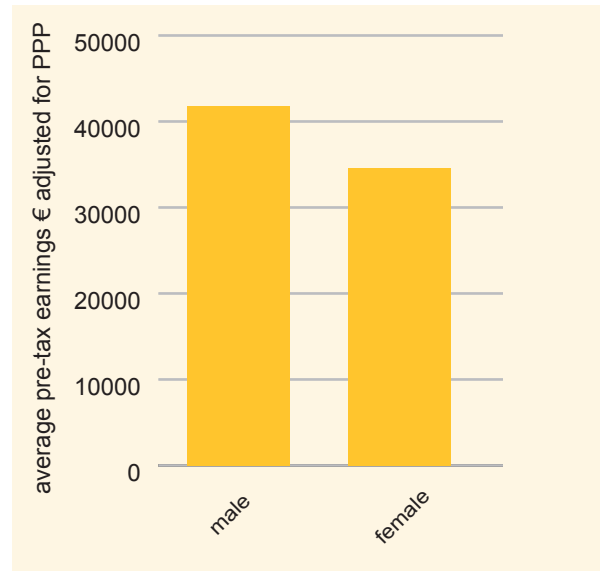


CHART 4-8
CHANGE IN MALE / FEMALE ARCHITECTS' AVERAGE PRE-TAX FULL-TIME EARNINGS 2012-22

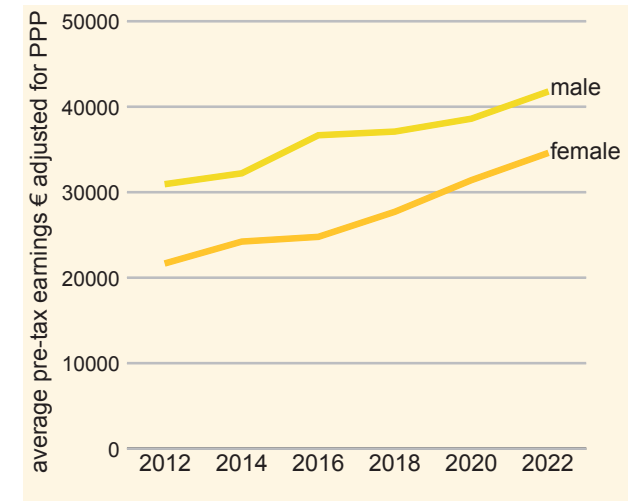


TABLE 4-4
AVERAGE PRE-TAX EARNINGS ANALYSED BY GENDER AND FULL-TIME OR PART-TIME WORKING (ADJUSTED FOR PPP AND PART-TIME EARNINGS ADJUSTED TO FULL-TIME EQUIVALENT)

€		2022			2020 EUR-26 MEDIAN	2018 EUR-26 MEDIAN	2016 EUR-27 MEDIAN	2014 EUR-26 MEDIAN	2012 EUR-25 MEDIAN
		lower quartile	MEDIAN	upper quartile					
Full time	male	29354	41766	61000	38601	37095	36664	32213	30948
	female	24364	34582	47381	31411	27711	24777	24225	21680
Part time FTE*	male	29205	39069	57122	33870	32395	27874	30105	34099
	female	21884	32163	44486	28484	31806	24777	23750	24137

Earnings data converted from local currencies to Euros exchange rate as at 01.05.22 and then adjusted for PPP

* full-time equivalent (FTE) based on converting part-time earnings to a working week of 37.5 hours

CHART 4-9
DIFFERENCE BETWEEN MALE AND FEMALE ARCHITECTS' AVERAGE PRE-TAX EARNINGS BY AGE

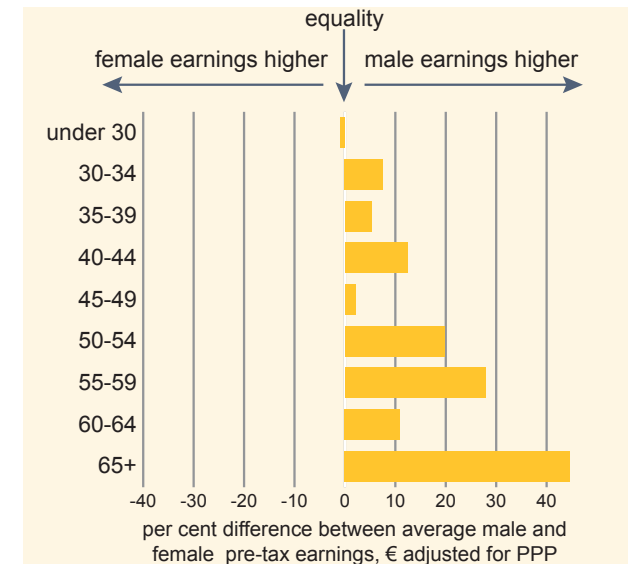
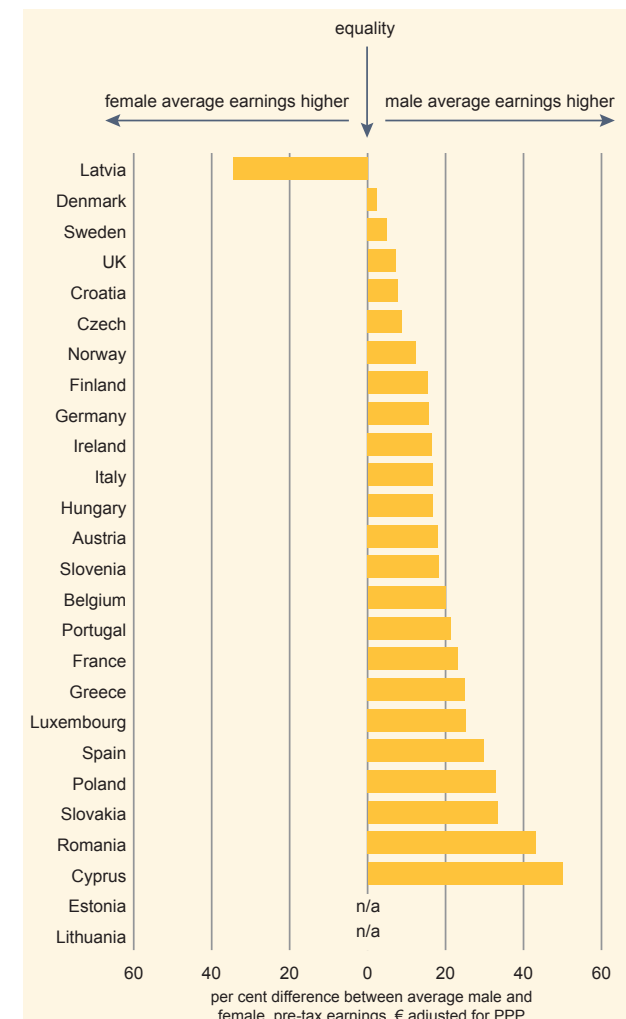


TABLE 4-5
AVERAGE PRE-TAX MALE AND FEMALE EARNINGS ANALYSED BY COUNTRY AND SELECTED FIELD OF EMPLOYMENT (ADJUSTED FOR PPP)

per cent difference between male & female earnings	private practice			male median pre-tax earnings €	female median pre-tax earnings €	per cent difference
	sole principal	partner/ director	salaried employees			
Austria	11	22	n/a	53097	43540	18
Belgium	32	32	35	39233	31386	20
Croatia	11	11	6	24156	22298	8
Cyprus*	n/a	n/a	n/a	44395	22198	50
Czechia	20	n/a	n/a	32598	29746	9
Denmark	n/a	-30	17	57082	55655	3
Estonia*	n/a	n/a	n/a	35253	n/a	n/a
Finland	50	-3	6	53670	45423	15
France	22	35	24	34181	26293	23
Germany	n/a	32	14	70225	59247	16
Greece	29	-37	11	23095	17321	25
Hungary*	n/a	n/a	50	24276	20230	17
Ireland	n/a	33	22	52356	43755	16
Italy	25	-8	4	29211	24343	17
Latvia*	n/a	n/a	n/a	15267	20547	-35
Lithuania*	n/a	n/a	n/a	n/a	43165	n/a
Luxembourg	23	-40	50	56064	41953	25
Norway	n/a	-6	15	60217	52726	12
Poland	n/a	32	27	35567	23865	33
Portugal	20	40	14	18203	14334	21
Romania	70	34	n/a	13418	7633	43
Slovakia	24	13	49	36991	24661	33
Slovenia	-5	83	85	27809	22701	18
Spain	52	-5	n/a	35567	24963	30
Sweden	13	-4	5	40010	38046	5
United Kingdom	26	-70	4	45602	42333	7
2022 EUROPE-26	32	11	11	41766	34582	17
2020 EUROPE-26	30	37	16	41766	34582	17
2018 EUROPE-26	32	46	17	37095	27711	25
2016 EUROPE-27	36	35	31	36664	24777	32
2014 EUROPE-26	25	29	25	32213	24225	25
2012 EUROPE-25	30	38	32	30948	21680	30

* caution - small sample 'Per cent difference' calculated as difference as a percentage of male earnings
Earnings data converted from local currencies to Euros exchange rate as at 01.05.22 and then adjusted for PPP

CHART 4-10
AVERAGE PRE-TAX MALE AND FEMALE EARNINGS - ALL FULL-TIME ARCHITECTS (ADJUSTED FOR PPP)



4.5 Studying & working in another European country

A large number of architects have studied or worked in another European country outside their own country. More than one architect in five has studied in another country - Italy and Spain are the most popular destinations for education.

This international perspective continues post-qualification. In the last 12 months, 7 per cent of architects have worked in another country. The most popular destinations for working are the United Kingdom, France, Switzerland and Italy.

Many more have "seriously considered" working in another country in the last 12 months.

CHART 4-11
PROPORTION OF ARCHITECTS WHO HAVE STUDIED / WORKED OR SERIOUSLY CONSIDERED WORKING IN ANOTHER COUNTRY IN LAST 12 MONTHS

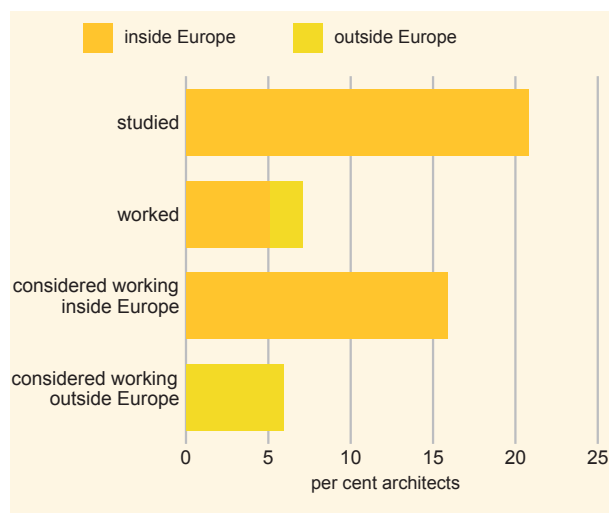


TABLE 4-6
PROPORTION OF ARCHITECTS WHO HAVE STUDIED IN ANOTHER EUROPEAN COUNTRY

per cent	educated in different country
Austria	25
Belgium	25
Croatia	26
Cyprus*	72
Czechia	31
Denmark	24
Estonia*	21
Finland	28
France	25
Germany	17
Greece	50
Hungary*	20
Ireland	35
Italy	15
Latvia*	22
Lithuania*	31
Luxembourg	82
Norway	49
Poland	15
Portugal	22
Romania	27
Slovakia	20
Slovenia	17
Spain	17
Sweden	47
United Kingdom	25
2022 EUROPE-26	21
2020 EUROPE-26	22
2018 EUROPE-26	20
2016 EUROPE-27	18
2014 EUROPE-26	18
2012 EUROPE-25	n/a

* caution - small sample

CHART 4-12
ARCHITECTS WHO WERE AT LEAST PARTLY EDUCATED IN ANOTHER EUROPEAN COUNTRY

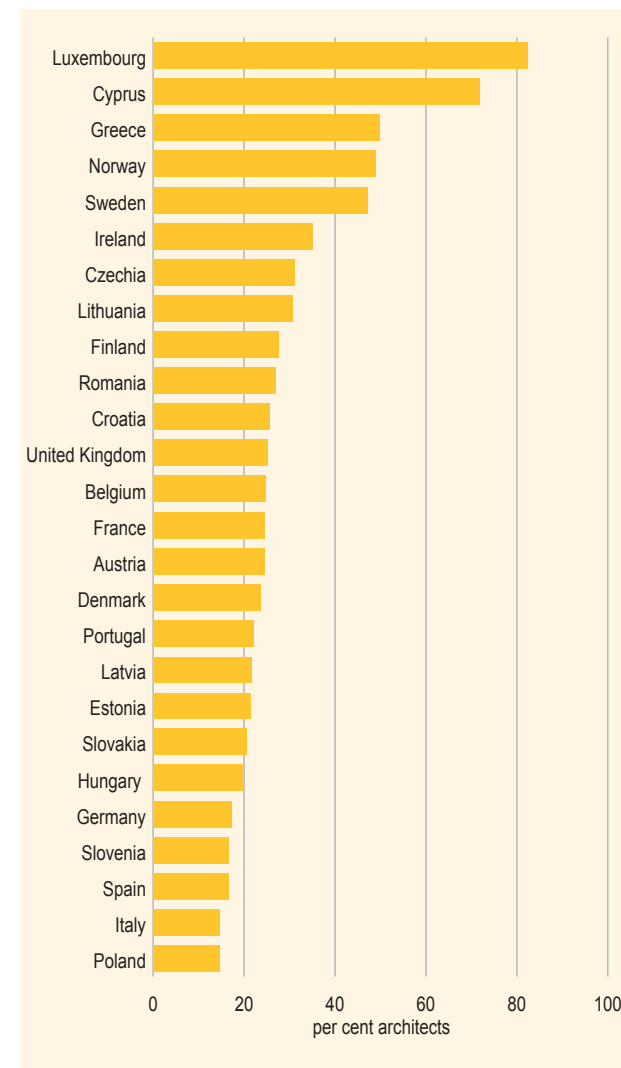


TABLE 4-7
PROPORTION OF ARCHITECTS WHO HAVE WORKED OR SERIOUSLY CONSIDERED WORKING IN ANOTHER COUNTRY (LAST 12 MONTHS)

per cent	worked in another country in last 12 months		All most popular destinations	have seriously considered working in another country last 12 months (%)	
	country inside Europe	country outside Europe		country inside Europe	country outside Europe
Austria	15	1	DE	16	1
Belgium	11	3	FR	17	6
Croatia	4	2	BA SI	19	5
Cyprus*	7	0	GR SE CH UK	27	7
Czechia	9	3	AT PL	14	4
Denmark	10	5	NO SE	14	7
Estonia*	8	0	DK FI	12	0
Finland	4	3	IT	15	6
France	4	3	CH ES	6	3
Germany	4	1	ATCH	5	3
Greece	4	0	CYCH	24	5
Hungary*	3	1	DK NO UK	13	6
Ireland	8	4	UK	11	6
Italy	4	2	CH UK	21	8
Latvia*	7	2	BE	10	5
Lithuania*	8	8		23	8
Luxembourg	26	4	BE DE	20	5
Norway	10	1	DE	13	3
Poland	2	1	DE	22	6
Portugal	4	3	ES UK	22	8
Romania	5	2	AT DE	17	3
Slovakia	9	0	CZ	17	3
Slovenia	12	2	HR	18	6
Spain	3	2	DE	24	7
Sweden	5	3	DK NO UK	17	5
United Kingdom	13	4	FR IR IT	23	11
2022 EUROPE-26	5	2		16	6
2020 EUROPE-26	6	3		18	8
2018 EUROPE-26	6	2		19	10
2016 EUROPE-27	5	n/a		36	
2014 EUROPE-26	5	n/a		35	
2012 EUROPE-25	n/a	n/a		35	

* caution - small sample

CHART 4-13
COUNTRIES OUTSIDE OWN COUNTRY IN WHICH ARCHITECTS HAVE STUDIED

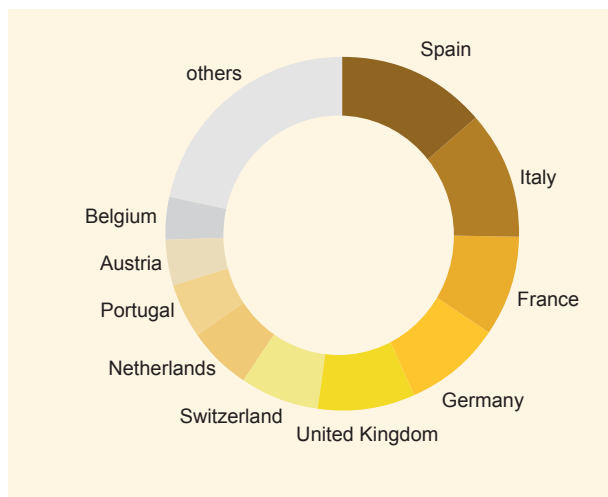


CHART 4-14
COUNTRIES OUTSIDE OWN COUNTRY IN WHICH ARCHITECTS HAVE WORKED - LAST 12 MONTHS

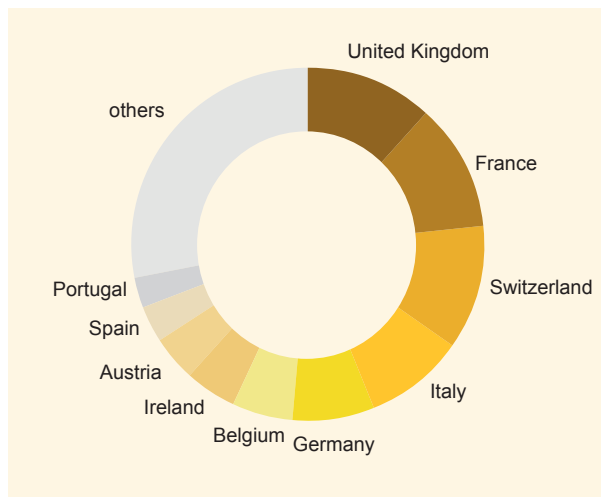


TABLE 4-8
COUNTRIES OUTSIDE OWN COUNTRY IN WHICH ARCHITECTS HAVE STUDIED OR WORKED

per cent of those who have studied or worked in another country*	studied	worked in last 12 months
Spain	14.9	3.5
Italy	12.8	9.8
France	9.9	12.5
Germany	9.6	8.0
United Kingdom	9.5	12.6
Switzerland	7.8	12.1
Netherlands	6.6	1.9
Portugal	5.4	3.0
Austria	4.4	4.6
Belgium	4.2	5.9
Denmark	4.1	1.3
Poland	3.6	1.8
Greece	2.3	1.1
Sweden	2.3	1.5
Finland	1.6	0.3
Norway	1.4	1.6
Ireland	1.0	5.0
Romania	0.9	0.9
Czech	0.9	0.9
Slovenia	0.9	0.2
Turkey	0.9	0.2
Hungary	0.8	2.1
Croatia	0.5	2.1
Slovakia	0.4	0.7
Bulgaria	0.4	1.3
Bosnia	0.3	0.1
Serbia	0.3	0.6
Estonia	0.3	0.2
Lithuania	0.2	0.2
Cyprus	0.2	0.3
FYROM	0.1	1.1
Luxembourg	0.1	1.9
Latvia	0.0	0.5
Malta	0.0	0.1

* per cent of ALL architects from countries responding to this survey who have studied / worked in each of these countries in last 12 months. Based on grossing-up survey results.

The 19 per cent of architects who have ‘seriously considered’ working in another country were asked why they did not, ultimately, decide to work internationally. The most common reason why architects decided not to work in another country is because of practical, personal or relocation issues. Out of those who had ‘seriously considered’ working elsewhere, 45 per cent say practical issues were the main concern. Around 30 per cent consider the biggest concern is not having enough regulatory knowledge - planning or building regulations or are concerned their language skills are insufficient.

However, 23 per cent have “no concerns” about working in another country. Comparing architects who seriously considered working in another country with those who actually did work in another country in the last year, many more (34 per cent) had no concerns.

CHART 4-15
MAIN CONCERNS - WORKING IN ANOTHER COUNTRY

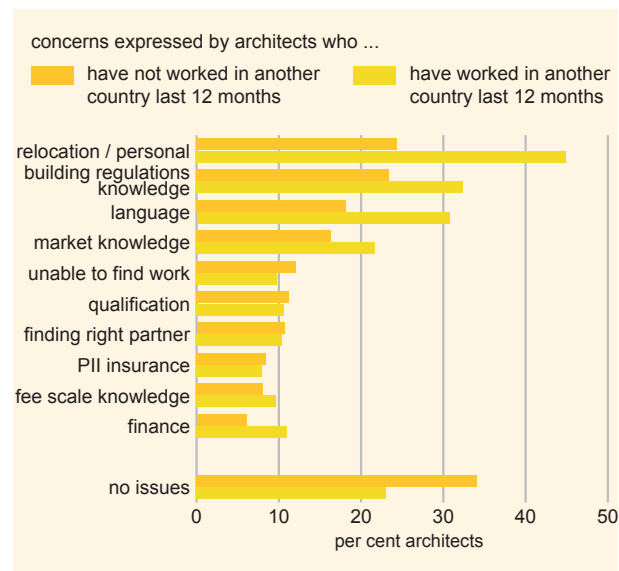


TABLE 4-9
MAIN CONCERNS ABOUT WORKING IN ANOTHER COUNTRY CITED BY ARCHITECTS WHO HAVE NOT WORKED IN ANOTHER COUNTRY

per cent	unable to find work	insufficient language skills	insufficient knowledge of planning / building regulations	architectural qualification issues	finding right architectural partner	finance	practical relocation or personal issues	knowledge of local market	knowledge of local fee scales / tariffs	PII cover for work in other European countries
Austria	8	17	34	4	13	8	29	28	11	9
Belgium	7	19	39	6	16	12	40	31	14	8
Croatia	4	21	41	11	12	9	45	20	8	4
Cyprus*	16	12	37	10	24	20	47	27	12	10
Czechia	4	32	60	7	15	9	49	24	13	12
Denmark	4	10	16	3	9	10	37	5	6	5
Estonia*	14	18	36	9	23	9	32	41	9	18
Finland	11	26	35	4	17	4	44	14	8	7
France	9	33	34	6	17	9	35	35	16	9
Germany	14	25	30	18	10	9	43	17	10	11
Greece	15	17	29	9	13	12	52	17	7	5
Hungary*	13	43	37	14	19	6	24	34	9	7
Ireland	12	28	24	4	8	11	34	20	8	9
Italy	3	35	32	6	7	12	61	18	7	4
Latvia*	12	6	26	6	9	9	21	9	3	0
Lithuania*	18	45	64	36	9	27	55	64	18	27
Luxembourg	5	5	25	11	15	8	21	29	15	13
Norway	10	23	30	1	10	17	51	18	6	2
Poland	13	40	40	14	13	9	18	31	12	5
Portugal	11	16	23	5	11	12	49	17	6	4
Romania	13	15	38	14	20	14	46	33	16	11
Slovakia	13	36	26	8	9	9	23	22	10	5
Slovenia	21	25	47	10	2	3	45	27	13	13
Spain	8	42	36	9	10	11	28	23	10	6
Sweden	6	11	17	5	6	6	39	14	2	2
United Kingdom	22	42	35	18	11	15	32	30	14	21
2022 EUROPE-26	10	31	32	11	10	11	45	22	10	8
2020 EUROPE-26	15	31	35	11	15	14	44	24	11	9
2018 EUROPE-26	15	32	32	11	13	14	46	23	10	9
2016 EUROPE-27	25	36	38	16	n/a	n/a	46	29	12	11
2014 EUROPE-26	18	38	37	11	n/a	n/a	47	26	11	10
2012 EUROPE-25	19	39	35	11	n/a	n/a	66	n/a	n/a	n/a

* caution - small sample

4.6 Retirement

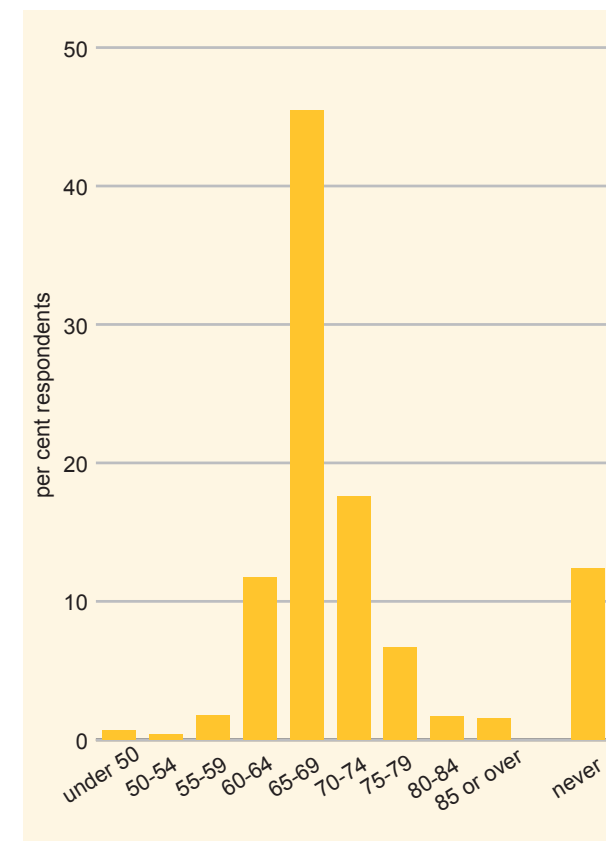
TABLE 4-10
AGE AT WHICH ARCHITECTS EXPECT TO RETIRE ANALYSED BY COUNTRY

per cent	under 50	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 or over	never
Austria	0	0	1	11	35	27	8	3	2	12
Belgium	1	1	5	18	45	14	6	1	1	7
Croatia	2	2	3	15	32	9	5	2	1	29
Cyprus*	0	0	0	12	50	10	0	4	0	24
Czechia	0	0	0	8	29	20	10	0	1	33
Denmark	0	0	1	10	32	32	15	2	1	6
Estonia*	0	0	0	14	23	18	18	0	0	27
Finland	0	1	2	18	57	11	3	2	1	6
France	1	1	4	28	38	12	4	1	1	9
Germany	0	0	1	9	74	11	3	1	2	0
Greece	0	0	1	8	50	18	6	2	1	14
Hungary*	3	2	0	14	29	14	6	8	3	23
Ireland	1	1	2	10	48	17	5	1	2	15
Italy	1	0	1	9	39	25	9	1	1	13
Latvia*	0	0	3	3	22	11	16	11	11	24
Lithuania*	0	0	9	0	55	9	0	9	9	9
Luxembourg	2	1	6	24	38	14	4	0	0	11
Norway	0	0	0	6	30	39	9	2	1	13
Poland	1	1	3	13	24	16	8	3	2	27
Portugal	1	1	4	14	38	12	4	2	2	22
Romania	3	3	4	20	23	10	4	1	2	31
Slovakia	1	0	2	13	27	18	9	4	2	25
Slovenia	0	0	1	10	36	18	11	2	2	19
Spain	1	1	2	12	33	16	8	2	2	24
Sweden	0	0	0	8	55	21	7	2	0	6
United Kingdom	2	0	4	15	31	18	9	4	2	16
2022 EUR-26	1	0	2	12	46	18	7	2	2	12
2020 EUR-26	0	0	2	12	48	17	5	2	1	13
2018 EUR-26	0	1	2	13	38	20	6	2	1	17
2016 EUR-27	1	2	3	14	35	18	6	2	1	18
2014 EUR-26	1	1	2	15	38	15	6	2	1	19
2012 EUR-25	1	1	2	14	34	16	6	2	2	23

* caution - small sample

Very few architects expect to retire before the age of 60. Twelve per cent expect to retire when aged between 60 and 64 while the most popular age at which architects anticipate retiring is between 65 and 69 years old. Nearly half, 46 per cent, expect to retire at that age. Another quarter of architects say they expect to retire later, in their 70s, and 4 per cent in their 80s. A substantial proportion, 12 per cent, say they will “never” retire.

CHART 4-16
AGE AT WHICH ARCHITECTS EXPECT TO RETIRE



More than three quarters of architects say they will 'definitely' or 'probably' continue to practice architecture until they retire. Most of the remainder are 'not sure'. Five per cent say they will 'probably' not continue to practice as an architect, 1 per cent say 'definitely' not.

CHART 4-17
LIKELIHOOD OF CONTINUING TO WORK AS AN ARCHITECT UNTIL RETIREMENT

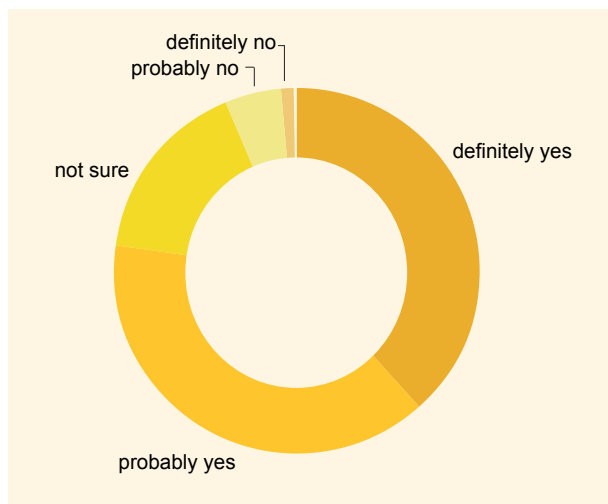


TABLE 4-11
WHETHER ARCHITECTS WILL CONTINUE TO PRACTICE THEIR PROFESSION UNTIL THEY RETIRE

per cent	definitely yes	probably yes	not sure	probably no	definitely no
Austria	55	37	6	1	1
Belgium	25	38	22	11	3
Croatia	42	40	14	2	2
Cyprus*	43	43	14	0	0
Czechia	41	48	7	3	0
Denmark	53	28	15	4	0
Estonia*	43	43	5	5	5
Finland	38	47	9	6	1
France	31	39	19	8	2
Germany	36	45	14	3	1
Greece	45	33	17	4	1
Hungary*	55	24	17	2	3
Ireland	40	42	12	5	1
Italy	36	39	19	6	1
Latvia*	54	30	14	3	0
Lithuania*	18	27	36	9	9
Luxembourg	47	33	15	4	1
Norway	40	47	12	1	1
Poland	44	37	13	4	2
Portugal	39	34	18	8	1
Romania	38	37	15	5	4
Slovakia	46	40	11	2	1
Slovenia	56	30	11	2	1
Spain	47	29	16	6	2
Sweden	41	42	13	3	1
United Kingdom	39	39	16	4	2
2022 EUROPE-26	38	39	16	5	1
2020 EUROPE-26	36	40	17	5	2
2018 EUROPE-26	35	38	19	6	2
2016 EUROPE-27	36	37	19	6	2
2014 EUROPE-26	36	38	18	6	2
2012 EUROPE-25	35	39	18	6	2

* caution - small sample

4.7 Hours worked

Architects in the private sector say they work longer hours, on average, than those in the public sector. Sole Principals and Partners & Directors work longer hours, on average, than other architects.

Sole Principals work longer hours, on average, in Germany than elsewhere; German Partners & Directors are among those reporting the longest average working week together with those in Austria. Salaried employees in private practice in Slovakia work longer hours, on average, than elsewhere. In the public sector, architects in Slovenia have the longest average working week.

TABLE 4-12
AVERAGE (MEAN) NUMBER OF HOURS WORKED PER WEEK
ANALYSED BY COUNTRY AND FIELD OF EMPLOYMENT

hours / week	sole principal	partner/ director	private practice salaried employees	freelance	other private	local / central government	other public
Austria	48.8	49.7	43.9	n/a	53.8	n/a	n/a
Belgium	47.6	47.6	44.1	39.0	43.5	38.3	39.3
Croatia	45.5	45.1	42.2	n/a	41.1	41.7	41.0
Cyprus*	47.6	47.7	40.9	n/a	40.0	44.7	40.0
Czechia	44.4	44.2	43.2	45.0	44.8	40.0	n/a
Denmark	42.3	44.7	40.3	41.6	38.1	41.8	37.0
Estonia*	42.5	42.8	43.8	n/a	42.5	42.5	n/a
Finland	41.2	41.5	39.2	37.8	38.6	40.1	37.6
France	44.9	43.3	40.6	42.2	42.3	38.1	37.3
Germany	49.9	48.8	39.7	38.8	39.9	39.5	39.3
Greece	47.9	47.7	43.9	n/a	48.1	43.9	44.4
Hungary*	42.5	50.0	45.3	45.0	43.0	40.0	55.0
Ireland	45.3	45.2	39.8	45.0	39.6	39.9	41.3
Italy	43.2	46.3	41.1	41.0	41.2	35.8	36.0
Latvia*	50.3	50.6	42.9	n/a	42.5	40.0	n/a
Lithuania*	45.0	n/a	42.3	n/a	45.0	n/a	n/a
Luxembourg	45.3	45.7	42.7	40.0	43.2	n/a	n/a
Norway	40.0	40.9	39.8	38.8	37.8	38.0	37.5
Poland	47.6	47.0	42.9	47.1	44.9	47.5	44.0
Portugal	45.6	45.5	42.3	42.0	39.9	39.5	39.7
Romania	46.0	43.8	41.1	40.0	47.5	42.7	41.3
Slovakia	47.8	46.0	46.7	n/a	44.3	48.8	45.0
Slovenia	45.6	47.9	43.8	50.0	41.9	51.3	40.0
Spain	47.8	47.6	42.1	43.3	42.5	39.9	40.8
Sweden	41.7	42.7	40.6	40.0	40.7	41.1	40.0
United Kingdom	46.8	44.8	39.8	40.0	41.1	36.4	41.0
2022 EUROPE-26	47.4	46.9	42.5	40.4	40.2	39.6	39.8
2020 EUROPE-26	48.0	47.4	42.2	40.0	40.9	38.6	39.1
2018 EUROPE-26	48.2	47.7	43.6	44.8	44.8	41.2	41.9
2016 EUROPE-27	47.2	48.8	43.1	44.5	44.0	40.0	40.0
2014 EUROPE-26	44.5	45.3	43.9	42.9	44.0	40.3	41.0
2012 EUROPE-25	45.3	46.1	43.2	40.2	43.1	38.1	38.9

* caution - small sample

4.8 Continuing Professional Development (CPD)

Architects spend an average of 20 hours per year undertaking CPD. This is the same average figure as in three out of the previous five surveys. Public sector architects spend, on average, more hours per year undertaking CPD than the average for all architects; while private practice salaried architects report spending fewer hours than the average.

Architects in Czechia and Italy spend an average 40 hours per year undertaking CPD, twice the Europe average. The lowest number of CPD hours is reported by architects in Belgium, Denmark and Portugal.

TABLE 4-13
CPD HOURS ANALYSED BY COUNTRY

	average (median) number hours CPD per year
Austria	15
Belgium	8
Croatia	n/a
Cyprus*	20
Czechia	40
Denmark	2
Estonia*	20
Finland	10
France	20
Germany	10
Greece	n/a
Hungary*	40
Ireland	25
Italy	40
Latvia*	40
Lithuania*	13
Luxembourg	11
Norway	20
Poland	20
Portugal	0
Romania	12
Slovakia	10
Slovenia	20
Spain	30
Sweden	16
United Kingdom	16
2022 EUROPE-26	20
2020 EUROPE-26	20
2018 EUROPE-26	20
2016 EUROPE-27	24
2014 EUROPE-26	20
2012 EUROPE-25	38

* caution small sample

TABLE 4-14
CPD HOURS AND SPEND ANALYSED BY
FIELD OF EMPLOYMENT

	average (median) number hours CPD per year
sole principal	20
partner/director	20
private practice salaried employees	16
freelance	20
other private	20
local / central government	24
other public	24
2022 EUROPE-26	20
2020 EUROPE-26	20
2018 EUROPE-26	20
2016 EUROPE-27	24
2014 EUROPE-26	20
2012 EUROPE-25	38

4.9 Mitigating Climate Change

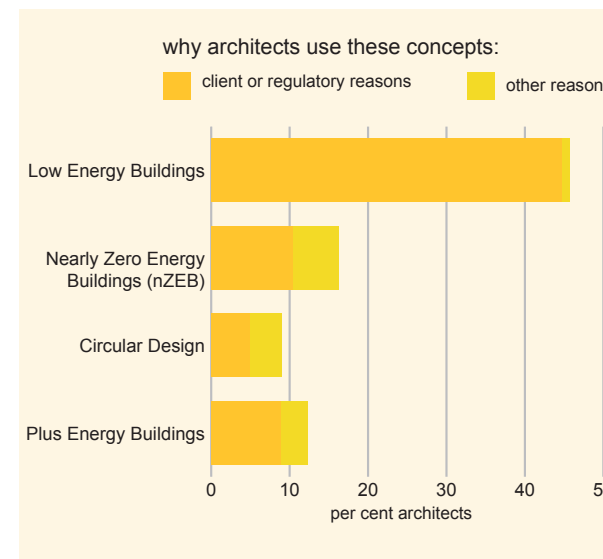
TABLE 4-15
PROPORTION OF ARCHITECTS USING SUSTAINABLE CONCEPTS FREQUENTLY
ANALYSED BY COUNTRY

per cent respondents	proportion of architects using the concept frequently			
	Low Energy Buildings	Nearly Zero Energy Buildings (nZEB)	Plus Energy buildings	Circular Design
Austria	49	20	17	8
Belgium	49	22	11	11
Croatia	49	42	10	13
Cyprus*	39	18	4	11
Czechia	49	18	9	18
Denmark	46	39	8	7
Estonia*	75	13	0	25
Finland	47	23	8	19
France	51	13	11	14
Germany	56	9	7	12
Greece	53	16	10	16
Hungary*	36	25	7	4
Ireland	49	26	6	6
Italy	33	17	10	11
Latvia*	20	20	10	5
Lithuania*	40	60	0	40
Luxembourg	37	17	8	20
Norway	53	22	0	19
Poland	49	11	4	6
Portugal	35	16	17	16
Romania	62	34	13	20
Slovakia	52	19	7	13
Slovenia	43	20	10	12
Spain	56	20	10	11
Sweden	31	6	7	16
United Kingdom	45	16	8	16
2022 EUROPE-26	46	16	9	12
2020 EUROPE-26	57	15	10	15
2018 EUROPE-26	n/a	n/a	n/a	n/a
2016 EUROPE-27	n/a	n/a	n/a	n/a
2014 EUROPE-26	n/a	n/a	n/a	n/a
2012 EUROPE-25	n/a	n/a	n/a	n/a

Nearly half of architects use sustainable concepts “frequently” to design low energy buildings. In most countries the proportion of architects using sustainable concepts is close to this Europe average, although in Italy, Portugal and Sweden the proportion is closer to one third.

Fewer architects “frequently” apply the other sustainable development concepts. Sixteen per cent use nZEB frequently, 12 per cent Circular Design and 9 per cent design Plus Energy buildings frequently.

CHART 4-18
SUSTAINABLE CONCEPTS USED FREQUENTLY
BY ARCHITECTS



* caution - small sample

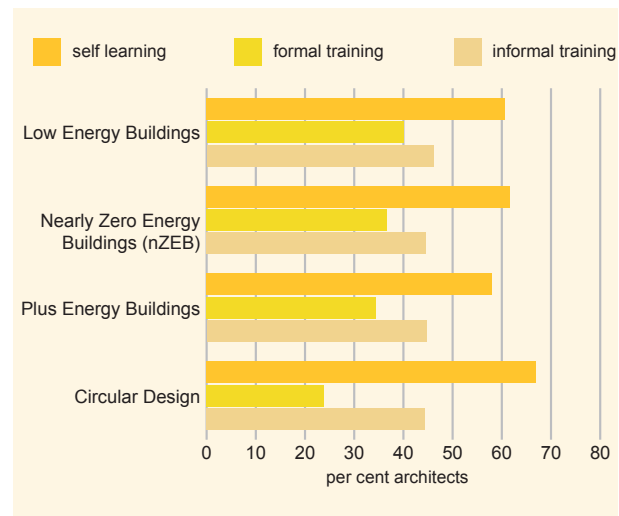
For each sustainable concept, more architects use the concepts “frequently” because they are demanded by the client or because it is a regulatory requirement. Virtually all frequent use of the Low Energy Buildings concept is because it is demanded by the client or regulations.

Architects continue to use a blend of methods to learn how to deliver these sustainable concepts. Most often, architects used self-learning to educate themselves with the concepts. The greatest use of formal training was for Low Energy Buildings.

TABLE 4-16
WHY ARCHITECTS USE THE SUSTAINABLE CONCEPTS AND HOW THEY LEARNED THE CONCEPTS

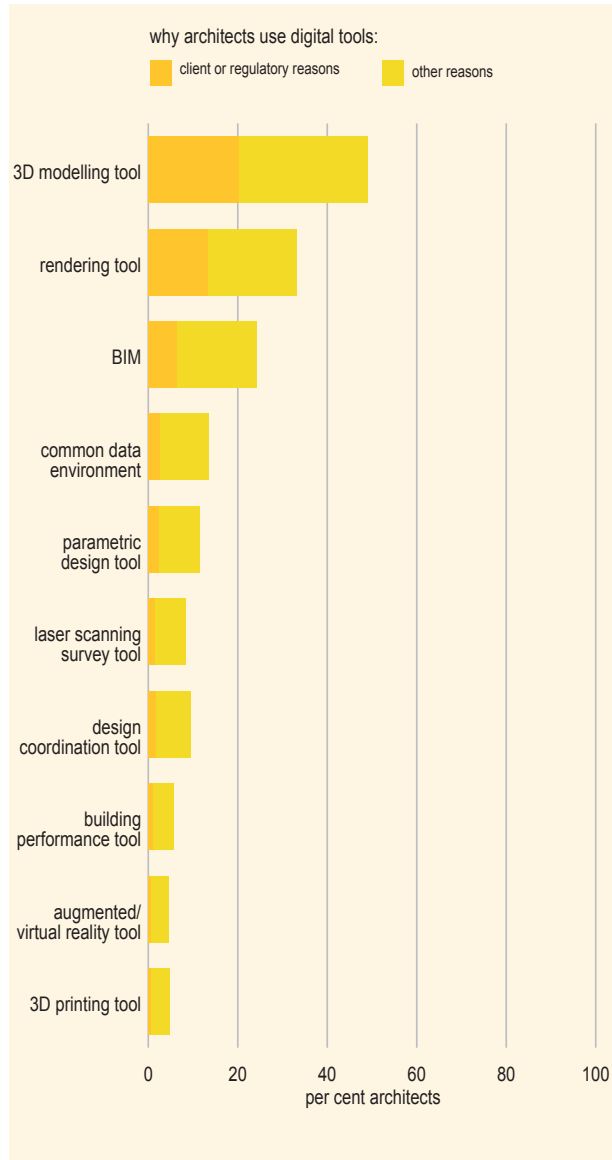
per cent respondents	for those architects using the concept frequently			
	use concept because of client or regulatory requirement	self learning	formal training	informal training
Low Energy Buildings	98	61	40	46
Nearly Zero Energy Buildings (nZEB)	64	62	37	45
Plus Energy Buildings	54	58	34	45
Circular Design	72	67	24	44

CHART 4-19
HOW ARCHITECTS LEARNED TO DELIVER SUSTAINABLE CONCEPTS



4.10 Digitalisation in architecture

CHART 4-20
ARCHITECTS' USE OF TOOLS



Half of architects say they use 3D modelling tools “frequently”. 3D modelling tools have the highest rate of frequent use from the range of digital tools which the architectural profession is adopting. Rendering tools are used “frequently” by one third of architects. BIM tools by a quarter.

Only a minority of architects use these tools because they are a client or regulatory requirement; most architects use the tools out of their own choice.

More architects taught themselves how to use these digital tools than received formal or informal training.

TABLE 4-17
HOW ARCHITECTS LEARNED TO USE TOOLS

per cent respondents	how architects learned to use these tools		
	self learning	formal training	informal training
3D modelling tools	74	29	38
BIM (3D modelling + information inside the model)	64	34	41
Rendering tools	79	20	33
Design coordination tools (eg clash detection)	60	23	41
Building performance simulation and analysis tool	63	31	32
Parametric design tool	64	43	35
Laser scanning survey tool	67	16	37
3D printing tool	70	18	30
Augmented/virtual reality tool	73	15	30
Common data environment	67	15	41

TABLE 4-18
 PROPORTION OF ARCHITECTS USING DIGITALISATION TOOLS FREQUENTLY ANALYSED BY COUNTRY

per cent respondents	proportion of architects using the tool frequently									
	3D modelling tools	BIM (3D modelling + information inside the model)	Rendering tools	Design coordination tools (eg clash detection)	Building performance simulation and analysis tool	Parametric design tool	Laser scanning survey tool	3D printing tool	Augmented/virtual reality tool	Common data environment
Austria	55	24	41	11	9	10	8	10	6	13
Belgium	59	20	31	11	5	13	6	5	3	6
Croatia	49	30	52	6	7	7	5	4	5	15
Cyprus*	36	14	25	18	7	7	7	0	0	14
Czechia	49	27	22	11	4	18	13	9	7	4
Denmark	54	28	57	13	5	8	7	5	7	23
Estonia*	50	25	13	50	0	13	25	13	0	25
Finland	48	28	33	9	3	11	8	3	4	18
France	67	23	51	7	7	6	4	5	6	9
Germany	41	21	24	5	3	3	3	4	4	24
Greece	53	30	25	14	6	6	12	9	6	13
Hungary*	54	29	46	14	4	7	7	4	4	11
Ireland	63	30	45	13	6	8	11	3	4	10
Italy	50	25	33	8	7	16	12	5	4	9
Latvia*	40	10	20	0	0	20	20	0	5	10
Lithuania*	80	40	60	20	0	20	40	0	0	60
Luxembourg	43	27	30	15	7	22	12	8	8	5
Norway	66	28	63	16	3	6	13	3	6	22
Poland	55	28	38	7	5	8	6	3	4	13
Portugal	49	23	35	13	8	26	14	6	5	6
Romania	69	36	50	11	8	9	5	8	6	11
Slovakia	56	27	37	9	5	7	3	3	5	19
Slovenia	58	25	30	10	7	7	9	7	6	16
Spain	49	23	36	10	7	14	8	4	3	9
Sweden	55	42	33	22	7	11	8	5	5	5
United Kingdom	37	23	28	16	8	19	12	5	8	13
2022 EUROPE-26	49	24	33	10	6	11	9	5	5	14
2020 EUROPE-26	62	31	44	10	12	12	9	6	7	16
2018 EUROPE-26	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2016 EUROPE-27	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2014 EUROPE-26	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2012 EUROPE-25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

* caution small sample

Country profiles



Jyväskylä University's Main Library refurbishment,
Jyväskylä, Finland
Winner of the Finlandia Prize for Architecture 2022
Architect: Ari Sipinen
Photographer :Petteri Kivimäki

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Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	8 443 018	8 507 786	8 700 471	8 822 267	8 901 064	8 932 664
GDP PIB € m	300 712	313 067	339 896	369 899	397 575	403 104
GDP/PIB head/habitant €	35 617	36 798	39 066	41 928	44 666	45 127
Construction € m	39 574	47 832	46 745	58 318	61 021	78 002

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	4 600	4 600	5 200	5 400	5 800	6 000
% Male Homme	82	82	80	78	81	75
% Female Femme	18	18	20	22	19	24
% <40 years <40 ans	18	20	14	12	8	14
Practices Bureaux	1 640	1 842	1 832	1 831	2 116	2 586

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	263	281	279	287	340	440
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	107 774	140 842	122 690	132 203	114 795	128 970
6 - 10 persons personnes	643 469	625 091	696 923	519 913	712 736	695 969

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	583	250	392	380	198	319
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	4	6	4.8	4.8	6.8	5.3

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	64	72	68	65	73	66
Partners & Directors Associé dirigeant	25	24	23	32	23	28
Private practice Salaried Salarié – Secteur privé	5	2	5	2	3	3
Private in-house L'industrie / commerce	0	0	0	0	0	0
Freelance Indépendant	2	2	1	1	1	2
Other Private Autres – Secteur privé	2	0	0	0	0	0
Local / central government Collectivité locale / gouvernement	1	0	0	0	0	0
Other Public Autre – secteur public	0	0	2	0	1	0

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	43 000	45 000	50 000	50 000	40 000	55 000
Partners & Directors Associé dirigeant	46 300	52 200	59 000	52 750	53 900	60 000
Private practice Salaried Salarié – Secteur privé	39 000	43 900	37 650	n/a	60 000	63 000
Private in-house L'industrie / commerce	42 000	n/a	n/a	n/a	n/a	61 200
Freelance Indépendant	65 000	31 500	n/a	n/a	n/a	n/a
Other Private Autres – Secteur privé	105 000	n/a	n/a	n/a	n/a	n/a
Local / central government Collectivité locale / gouvernement	45 000	n/a	n/a	n/a	n/a	n/a
Other Public Autre – secteur public	45 000	n/a	n/a	n/a	n/a	n/a

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	11 041 266	11 203 992	11 289 853	11 413 058	11 549 888	11 554 767
GDP PIB € m	369 836	382 692	409 407	439 052	473 085	506 205
GDP/PIB head/habitant €	33 496	34 157	36 263	38 469	40 960	43 809
Construction € m	56 135	66 969	75 711	69 845	77 279	89 974

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	13 200	15 000	15 100	14 800	15 100	15 200
% Male Homme	72	73	72	68	55	60
% Female Femme	28	27	28	32	45	40
% <40 years <40 ans	54	45	36	47	50	46
Practices Bureaux	3 709	3 677	3 350	4 389	4 238	3 589

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	529	436	610	569	577	708
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	78 786	114 414	365 053	119 917	110 702	326 719
6 - 10 persons personnes	439 862	575 696	675 677	n/a	800 000	536 500

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	446	815	496	176	129	450
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	4.6	3.3	4.3	7.3	8.6	4.6

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	15	26	25	35	43	31
Partners & Directors Associé dirigeant	8	11	9	10	10	17
Private practice Salaried Salarié – Secteur privé	7	11	6	10	18	11
Private in-house L'industrie / commerce	0	0	0	1	0	0
Freelance Indépendant	30	22	20	37	18	35
Other Private Autres – Secteur privé	33	24	33	3	6	1
Local / central government Collectivité locale / gouvernement	3	2	4	1	2	4
Other Public Autre – secteur public	4	3	1	2	2	2

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	45 000	35 000	40 000	40 000	34 000	45 000
Partners & Directors Associé dirigeant	45 000	45 000	47 400	40 000	35 000	50 000
Private practice Salaried Salarié – Secteur privé	47 500	36 000	50 000	38 000	43 328	39 800
Private in-house L'industrie / commerce	29 850	n/a	n/a	n/a	n/a	98,735
Freelance Indépendant	30 000	28 000	32 330	34 000	34 850	36 000
Other Private Autres – Secteur privé	41 250	30 000	35 000	n/a	27 500	36 000
Local / central government Collectivité locale / gouvernement	35 000	32 000	41 000	n/a	n/a	47 500
Other Public Autre – secteur public	31 700	40 900	40 852	n/a	n/a	35 000

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	7 327 224	7 245 677	7 153 784	7 050 034	6 951 482	6,916,548
GDP PIB € m	38 483	39 940	45 287	51 663	60 675	67,872
GDP/PIB head/habitant €	5 252	5 512	6 330	7 328	8 728	9,813
Construction € m	4 859	6 608	7 067	6 775	9 343	13,295

Architectural Profession Profession d'architecte

	2014	2016	2018	2020	2020	2022
Architects Architectes	2 100*	2 000	2 000	2 100	2 100	4 200
% Male Homme	47	46	n/a	n/a	n/a	n/a
% Female Femme	53	54	n/a	n/a	n/a	n/a
% <40 years <40 ans	46	45	n/a	n/a	n/a	n/a
Practices Bureaux	962	856	n/a	n/a	n/a	n/a

* revised * révisé

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	27	20	37	n/a	n/a	n/a
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	17 783	30 893	39 276	n/a	n/a	n/a
6 - 10 persons personnes	76 255	38 343	n/a	n/a	n/a	n/a

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	283	83	147	n/a	n/a	n/a
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	5.5	10.6	+/- 7.9	n/a	n/a	n/a

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	36	24	36	n/a	n/a	n/a
Partners & Directors Associé dirigeant	10	12	7	n/a	n/a	n/a
Private practice Salaried Salarié – Secteur privé	36	43	29	n/a	n/a	n/a
Private in-house L'industrie / commerce	1	0	0	n/a	n/a	n/a
Freelance Indépendant	8	6	16	n/a	n/a	n/a
Other Private Autres – Secteur privé	1	4	3	n/a	n/a	n/a
Local / central government Collectivité locale / gouvernement	5	12	5	n/a	n/a	n/a
Other Public Autre – secteur public	5	0	4	n/a	n/a	n/a

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	12 271	10 225	5 427	n/a	n/a	n/a
Partners & Directors Associé dirigeant	14 000	3 476	n/a	n/a	n/a	n/a
Private practice Salaried Salarié – Secteur privé	4 908	3 460	1 942	n/a	n/a	n/a
Private in-house L'industrie / commerce	6 135	n/a	n/a	n/a	n/a	n/a
Freelance Indépendant	4 602	7 669	6 130	n/a	n/a	n/a
Other Private Autres – Secteur privé	2 045	n/a	n/a	n/a	n/a	n/a
Local / central government Collectivité locale / gouvernement	2 211	5 317	4 291	n/a	n/a	n/a
Other Public Autre – secteur public	6 135	n/a	n/a	n/a	n/a	n/a

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique
 construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	4 398 150	4 246 700	4 190 669	4 105 493	4 058 165	4,036,355
GDP PIB € m	44 892	43 128	43 847	48 990	53 937	57,200
GDP/PIB head/habitant €	10 207	10 156	10 463	11 933	13 291	14,171
Construction € m	n/a	n/a	6 207	6 046	5 931	7,638

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	2 250	2 200	2 200	2 200	2 700	2,800
% Male Homme	45	47	41	46	38	45
% Female Femme	55	53	59	54	62	54
% <40 years <40 ans	31	44	40	33	41	35
Practices Bureaux	835	778	695	698	831	903

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	50	45	55	60	60	79
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	74 660	51 000	110 403	56 610	34 416	53,438
6 - 10 persons personnes	160 050	157 775	141 135	523 748	307 049	296,499

Response Réponse

	2012	2014	2016	2018	2020	2022	
Participants Répondants		423	93	318	305	169	620
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance		-4.3	9.9	5.1	5.2	7.3	3.5

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	25	25	15	15	22	24
Partners & Directors Associé dirigeant	21	21	21	32	24	36
Private practice Salaried Salarié – Secteur privé	36	42	39	38	44	31
Private in-house L'industrie / commerce	0	0	2	1	0	1
Freelance Indépendant	3	1	4	3	3	1
Other Private Autres – Secteur privé	2	2	3	1	3	0
Local / central government Collectivité locale / gouvernement	4	5	7	3	3	4
Other Public Autre – secteur public	8	4	9	7	1	3

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	12 087	15 777	10 392	9 718	18 895	15,876
Partners & Directors Associé dirigeant	11 594	12 293	9 985	13 227	19 233	15,876
Private practice Salaried Salarié – Secteur privé	14 675	11 044	12 498	11 337	13 497	16,538
Private in-house L'industrie / commerce	10 940	n/a	19 304	n/a	n/a	n/a
Freelance Indépendant	16 010	n/a	n/a	n/a	n/a	16,703
Other Private Autres – Secteur privé	14 142	n/a	15 044	n/a	n/a	3,487
Local / central government Collectivité locale / gouvernement	19 212	14 507	13 047	20 245	10 419	20,970
Other Public Autre – secteur public	13 341	n/a	17 680	6 748	n/a	21,256

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	862 011	858 000	848 319	864 236	888 005	896 007
GDP PIB € m	19 467	17 567	17 637	19 571	22 287	23 437
GDP/PIB head/habitant €	22 583	20 474	20 791	22 645	25 098	26 157
Construction € m	2 786	1 832	2 056	2 490	3 904	5 041

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	900	950	950	950	950	3000
% Male Homme	n/a	n/a	54	80	n/a	56
% Female Femme	n/a	n/a	46	20	n/a	41
% <40 years <40 ans	n/a	n/a	58	50	n/a	44
Practices Bureaux	n/a	n/a	295	225	n/a	994

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	n/a	n/a	18	17	n/a	83
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	n/a	n/a	n/a	n/a	n/a	n/a
6 - 10 persons personnes	n/a	n/a	150 000	n/a	n/a	n/a

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	n/a	n/a	59	21	n/a	66
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	n/a	n/a	12.4	21.2	n/a	11.9

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	n/a	n/a	30	29	n/a	43
Partners & Directors Associé dirigeant	n/a	n/a	9	29	n/a	23
Private practice Salaried Salarié – Secteur privé	n/a	n/a	34	29	n/a	11
Private in-house L'industrie / commerce	n/a	n/a	2	5	n/a	0
Freelance Indépendant	n/a	n/a	9	5	n/a	5
Other Private Autres – Secteur privé	n/a	n/a	6	0	n/a	0
Local / central government Collectivité locale / gouvernement	n/a	n/a	4	5	n/a	8
Other Public Autre – secteur public	n/a	n/a	7	0	n/a	10

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	n/a	n/a	15 000	n/a	n/a	26 500
Partners & Directors Associé dirigeant	n/a	n/a	n/a	42 500	n/a	44 000
Private practice Salaried Salarié – Secteur privé	n/a	n/a	1 900	n/a	n/a	16 780
Private in-house L'industrie / commerce	n/a	n/a	n/a	n/a	n/a	n/a
Freelance Indépendant	n/a	n/a	n/a	n/a	n/a	n/a
Other Private Autres – Secteur privé	n/a	n/a	n/a	n/a	n/a	n/a
Local / central government Collectivité locale / gouvernement	n/a	n/a	n/a	n/a	n/a	n/a
Other Public Autre – secteur public	n/a	n/a	n/a	n/a	n/a	n/a

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique
 construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	10 504 203	10 512 419	10 553 843	10 610 055	10 693 939	10 701 777
GDP PIB € m	154 913	149 491	166 964	191 643	223 945	238 238
GDP/PIB head/habitant €	14 748	14 220	15 820	18 062	20 941	22 262
Construction € m	27 124	27 514	23 658	31 278	37 164	42 947

Architectural Profession Profession d'architecte * 2012 data revised
 ** 2018 data revised

	2012	2014	2016	2018	2020	2022
Architects Architectes	8 000*	8 200	8 300	3 800**	4 000	4 200
% Male Homme	68	62	64	78	71	65
% Female Femme	32	38	36	22	29	32
% <40 years <40 ans	29	46	52	32	32	44
Practices Bureaux	2 031	2 138	1 912	840	850	1 835

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	153	139	92	62	74	187
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	48 487	57 967	n/a	n/a	n/a	n/a
6 - 10 persons personnes	380 286	259 958	n/a	n/a	156 584	n/a

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	446	13	59	153	213	127
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	4.3	27.2	12.7	7.8	6.5	8.6

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	30	8	31	32	39	43
Partners & Directors Associé dirigeant	8	17	5	7	10	7
Private practice Salaried Salarié – Secteur privé	30	42	15	24	26	24
Private in-house L'industrie / commerce	0	0	0	0	0	0
Freelance Indépendant	27	17	37	28	13	17
Other Private Autres – Secteur privé	1	8	5	1	3	1
Local / central government Collectivité locale / gouvernement	3	0	2	5	4	6
Other Public Autre – secteur public	1	8	5	3	5	2

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	18 107	n/a	11 089	13 826	19 473	24 318
Partners & Directors Associé dirigeant	26 154	n/a	n/a	25 315	32 520	29 182
Private practice Salaried Salarié – Secteur privé	14 485	4 915	12 531	19 473	19 999	22 292
Private in-house L'industrie / commerce	13 294	n/a	n/a	n/a	n/a	n/a
Freelance Indépendant	12 011	n/a	6 653	17 526	15 578	24 217
Other Private Autres – Secteur privé	14 485	n/a	n/a	n/a	n/a	24 217
Local / central government Collectivité locale / gouvernement	14 888	n/a	n/a	24 146	22 764	26 628
Other Public Autre – secteur public	14 888	n/a	n/a	n/a	23 367	n/a

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	5 580 516	5 627 235	5 707 251	5 781 190	5 822 763	5,840,045
GDP PIB € m	239 245	248 975	266 179	288 981	312 747	336,719
GDP/PIB head/habitant €	42 871	44 245	46 639	49 986	53 711	57,657
Construction € m	24 924	25 364	31 242	33 425	42 571	47,856

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	9 800	10 000	10 000	10 300	10 400	10 000
% Male Homme	56	50	54	56	49	52
% Female Femme	44	50	46	44	51	48
% <40 years <40 ans	27	26	28	26	31	20
Practices Bureaux	1 782	1 759	1 422	1 271	1 667	1,389

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	448	392	482	429	334	716
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	160 624	151 768	160 743	n/a	68 485	n/a
6 - 10 persons personnes	771 921	n/a	1 004 374	n/a	554 770	n/a

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	743	529	459	247	156	119
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	3.4	4.1	4.5	6.2	7.8	8.9

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	12	8	11	11	10	14
Partners & Directors Associé dirigeant	13	9	10	9	5	15
Private practice Salaried Salarié – Secteur privé	29	34	33	32	37	34
Private in-house L'industrie / commerce	2	2	1	3	1	3
Freelance Indépendant	1	1	2	2	1	2
Other Private Autres – Secteur privé	8	5	14	9	10	7
Local / central government Collectivité locale / gouvernement	25	26	19	24	25	21
Other Public Autre – secteur public	10	15	10	10	12	5

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	62 513	53 590	51 051	61 513	75 834	71,785
Partners & Directors Associé dirigeant	69 907	80 385	84 502	77 847	26 173	100,800
Private practice Salaried Salarié – Secteur privé	60 496	53 858	50 782	59 190	54 922	68,155
Private in-house L'industrie / commerce	30 961	n/a	n/a	n/a	n/a	101,157
Freelance Indépendant	64 664	93 783	21 600	n/a	n/a	n/a
Other Private Autres – Secteur privé	53 774	62 762	50 651	80 531	91 269	127,707
Local / central government Collectivité locale / gouvernement	63 050	56 270	52 797	48 117	67 109	48,394
Other Public Autre – secteur public	60 496	64 308	55 753	6 979	28 857	n/a

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	1 339 662	1 315 819	1 315 944	1 319 133	1 328 976	1 330 068
GDP PIB € m	15 951	18 613	20 252	23 615	28 112	31 445
GDP/PIB head/habitant €	11 907	14 146	15 389	17 902	21 153	23 642
Construction € m	2 572	3 208	2 768	4 574	4 439	5 695

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	600	800	800	800	800	1 100
% Male Homme	69	85	73	74	73	63
% Female Femme	31	15	27	26	27	37
% <40 years <40 ans	12	30	32	19	20	15
Practices Bureaux	172	252	246	161	106	335

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	29	16	14	17	13	71
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	57 574	31 250	n/a	n/a	50 000	n/a
6 - 10 persons personnes	116 288	221 324	280 000	n/a	200 000	n/a

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	51	20	55	23	11	30
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	13.1	21.7	12.8	20.2	29.4	17.7

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	26	35	15	27	27	44
Partners & Directors Associé dirigeant	21	29	36	9	27	15
Private practice Salaried Salié – Secteur privé	47	35	27	41	36	19
Private in-house L'industrie / commerce	0	0	0	0	0	0
Freelance Indépendant	5	0	4	9	0	0
Other Private Autres – Secteur privé	0	0	0	5	0	0
Local / central government Collectivité locale / gouvernement	2	0	4	9	9	19
Other Public Autre – secteur public	0	0	15	0	0	4

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	7 200	35 500	n/a	n/a	n/a	n/a
Partners & Directors Associé dirigeant	20 000	13 000	22 000	n/a	n/a	36 000
Private practice Salaried Salié – Secteur privé	13 500	17 750	15 000	18 100	n/a	26 000
Private in-house L'industrie / commerce	10 000	n/a	n/a	n/a	n/a	n/a
Freelance Indépendant	n/a	n/a	n/a	n/a	n/a	n/a
Other Private Autres – Secteur privé	n/a	n/a	n/a	n/a	n/a	n/a
Local / central government Collectivité locale / gouvernement	n/a	n/a	n/a	n/a	n/a	23 400
Other Public Autre – secteur public	10 080	n/a	n/a	n/a	n/a	n/a

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	5 401 267	5 451 270	5 487 308	5 513 130	5 525 292	5 533 793
GDP PIB € m	189 368	193 443	209 149	223 843	240 556	251 367
GDP/PIB head/habitant €	35 060	35 486	38 115	40 602	43 537	45 424
Construction € m	33 922	30 292	30 558	33 745	40 334	46 391

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	3 250	3 300	3 500	3 600	3 800	3 800
% Male Homme	54	53	47	48	46	45
% Female Femme	46	47	53	52	53	54
% <40 years <40 ans	27	20	25	19	23	18
Practices Bureaux	661	717	528	336	649	504

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	162	134	178	189	166	319
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	131 209	155 000	173 545	n/a	105 643	n/a
6 - 10 persons personnes	629 257	1 082 500	701 972	600 778	714 173	n/a

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	384	411	418	271	219	192
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	4.7	4.5	4.5	5.7	6.4	6.9

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	13	15	12	9	9	12
Partners & Directors Associé dirigeant	11	5	9	7	16	17
Private practice Salaried Salarié – Secteur privé	40	39	38	43	39	35
Private in-house L'industrie / commerce	1	1	0	1	2	2
Freelance Indépendant	0	1	1	0	0	1
Other Private Autres – Secteur privé	3	5	4	5	2	4
Local / central government Collectivité locale / gouvernement	21	26	25	9	24	24
Other Public Autre – secteur public	11	9	11	25	8	5

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	50 000	49 500	54 500	77 500	70 000	71 111
Partners & Directors Associé dirigeant	70 000	80 000	74 000	90 000	80 423	98 000
Private practice Salaried Salarié – Secteur privé	42 500	45 500	45 750	50 000	51 725	57 519
Private in-house L'industrie / commerce	n/a	n/a	n/a	n/a	68 500	87 000
Freelance Indépendant	36 600	n/a	n/a	n/a	n/a	n/a
Other Private Autres – Secteur privé	49 000	50 250	55 900	74 100	50 000	55 650
Local / central government Collectivité locale / gouvernement	52 000	50 750	50 000	52 500	54 000	59 500
Other Public Autre – secteur public	48 000	53 000	54 000	50 000	59 000	57 274

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	65 397 912	65 856 609	66 661 621	67 221 943	67 098 824	67 656 682
GDP PIB € m	1 996 583	2 059 852	2 181 064	2 291 705	2 425 708	2 500 870
GDP/PIB head/habitant €	30 530	31 278	32 718	34 092	36 151	36 964
Construction € m	241 930	271 139	282 377	276 669	311 348	386 662

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	29 900	29 800	30 000	30 000	30 000	30 400
% Male Homme	67	62	64	63	60	57
% Female Femme	33	38	36	37	40	43
% <40 years <40 ans	30	24	34	25	29	29
Practices Bureaux	7 968	8 302	7 753	8 033	4 708	7 968

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	1 254	908	984	961	1 527	988
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	169 294	177 150	120 936	117 254	133 002	129 632
6 - 10 persons personnes	883 467	812 891	837 225	696 475	804 667	598 345

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	957	690	1 018	1 551	750	2 173
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	3.1	3.7	3.0	2.4	3.5	2.0

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	26	29	26	37	55	49
Partners & Directors Associé dirigeant	5	6	6	6	7	6
Private practice Salaried Salarié – Secteur privé	17	20	17	18	23	19
Private in-house L'industrie / commerce	0	1	0	0	0	0
Freelance Indépendant	20	19	27	28	4	22
Other Private Autres – Secteur privé	26	20	18	5	4	1
Local / central government Collectivité locale / gouvernement	3	2	3	2	2	1
Other Public Autre – secteur public	4	3	2	5	5	2

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	30 000	30 000	25 000	30 000	30 000	30 900
Partners & Directors Associé dirigeant	42 000	45 000	39 022	38 164	36 000	37 200
Private practice Salaried Salarié – Secteur privé	38 000	30 000	41 432	36 000	38 039	36 250
Private in-house L'industrie / commerce	25 000	n/a	n/a	n/a	n/a	74 000
Freelance Indépendant	32 500	22 474	24 000	27 000	22 000	33 000
Other Private Autres – Secteur privé	37 200	30 500	26 000	41 000	26 500	33 800
Local / central government Collectivité locale / gouvernement	47 714	40 500	41 500	45 000	45 000	40 000
Other Public Autre – secteur public	30 250	42 030	34 650	43 000	42 000	40 000

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	81 843 743	80 780 000	82 162 000	82 850 000	83 166 711	83 155 031
GDP PIB € m	2 592 600	2 737 600	3 032 820	3 277 340	3 449 050	3 601 750
GDP/PIB head/habitant €	31 677	33 890	36 913	39 558	41 472	43 314
Construction € m	247 633	250 337	279 619	306 168	368 471	402 877

Architectural Profession Profession d'architecte

	2012	2014	2016*	2018*	2020*	2022*
Architects Architectes	101 600	107 200	109 200	111 200	117 500	119 400
% Male Homme	64	57	66	62	66	58
% Female Femme	36	43	34	38	34	42
% <40 years <40 ans	35	41	23	21	25	22
Practices Bureaux	37 026	41 117	40 558	33 440	28 492	37 844

* 2016-2022 - source: BAK survey * 2016-2022 - source: enquête BAK

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	4 193	5 047	5 015	4 971	4 577	6 315
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	94 088	114 326	154 763	181 955	169 809	153 273
6 - 10 persons personnes	440 416	623 935	654 293	786 041	811 537	622 718

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	840	1 392	6 029	13 120	14 064	14 145
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	3.4	2.6	1.2	0.8	0.8	0.8

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016*	2018*	2020*	2022*
Sole Principals Dirigeant unique	32	20	27	24	22	21
Partners & Directors Associé dirigeant	14	8	10	10	9	10
Private practice Salaried Salarié – Secteur privé	26	40	33	34	37	34
Private in-house L'industrie / commerce	7	8	12	14	13	14
Freelance Indépendant	4	1	4	2	2	2
Other Private Autres – Secteur privé	6	6	n/a	1	1	1
Local / central government Collectivité locale / gouvernement	8	12	14	14	14	16
Other Public Autre – secteur public	4	4		1	1	1

* 2016-2022 - source: BAK survey * 2016-2022 - source: enquête BAK

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016**	2018**	2020**	2022**
Sole Principals Dirigeant unique	50 000	55 000	55 940	63 202	68 262	73 000
Partners & Directors Associé dirigeant	60 000	70 660	65 100	74 500	90 000	85 000
Private practice Salaried Salarié – Secteur privé	37 200	36 000	n/a	48 000	50 000	53 000
Private in-house L'industrie / commerce	40 000	n/a	n/a	72 000	75 000	80 000
Freelance Indépendant	54 500	67 000	39 012	40 000	49 000	60 000
Other Private Autres – Secteur privé	50 000	58 500	n/a	61 331	70 000	77 000
Local / central government Collectivité locale / gouvernement	50 000	53 000	n/a	60 397	64 000	67 000
Other Public Autre – secteur public	48 000	55 000	n/a	65 000	70 000	72 855

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

* 2016-2022 - source: BAK survey * 2016-2022 - source: enquête BAK

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	11 290 785	10 992 589	10 793 526	10 738 868	10 709 739	10 678 632
GDP PIB € m	215 088	182 054	175 697	180 218	187 457	182 830
GDP/PIB head/habitant €	19 050	16 562	16 278	16 782	17 503	17 121
Construction € m	12 110	10 927	12 926	9 621	11 342	9 815

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	16 400	17 600	18 200	18 500	17 800	17 300
% Male Homme	41	42	n/a	45	43	39
% Female Femme	59	58	n/a	55	57	60
% <40 years <40 ans	56	50	n/a	39	42	30
Practices Bureaux	5 219	5 661	n/a	5 325	6 097	4 249

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	171	103	n/a	83	191	177
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	33 861	18 929	n/a	18 833	37 500	22 169
6 - 10 persons personnes	71 500	55 643	n/a	n/a	356 667	112 167

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	490	344	n/a	299	194	543
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	4.4	5.2	n/a	5.6	7	4.1

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	56	51	n/a	44	56	39
Partners & Directors Associé dirigeant	6	6	n/a	2	2	7
Private practice Salaried Salarié – Secteur privé	14	16	n/a	21	22	18
Private in-house L'industrie / commerce	0	1	n/a	0	0	1
Freelance Indépendant	6	9	n/a	10	9	18
Other Private Autres – Secteur privé	3	2	n/a	3	1	0
Local / central government Collectivité locale / gouvernement	7	8	n/a	11	7	9
Other Public Autre – secteur public	8	8	n/a	7	3	8

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	20 000	12 000	n/a	10 000	15 000	15 000
Partners & Directors Associé dirigeant	22 500	30 000	n/a	n/a	22 000	25 000
Private practice Salaried Salarié – Secteur privé	13 200	13 200	n/a	13 500	12 000	16 000
Private in-house L'industrie / commerce	10 000	n/a	n/a	n/a	n/a	12 000
Freelance Indépendant	13 200	10 000	n/a	7 500	9 500	16 000
Other Private Autres – Secteur privé	19 000	13 500	n/a	n/a	n/a	15 300
Local / central government Collectivité locale / gouvernement	20 000	21 600	n/a	15 000	16 000	16 800
Other Public Autre – secteur public	18 000	19 320	n/a	15 000	n/a	18 500

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	9 962 000	9 879 000	9 830 485	9 778 371	9 769 526	9 730 772
GDP PIB € m	100 513	97 948	109 674	124 050	146 062	154 124
GDP/PIB head/habitant €	10 090	9 915	11 157	12 686	14 951	15 839
Construction € m	7 496	8 520	7 559	14 655	18 105	23 346

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	4 000	4 100	4 200	4 200	7 300	7 000
% Male Homme	67	n/a	72	75	71	75
% Female Femme	33	n/a	28	25	29	24
% <40 years <40 ans	27	n/a	25	n/a	12	15
Practices Bureaux	699	n/a	1 356	869	973	1 333

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	61	n/a	33	47	59	118
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	17 311	n/a	32 253	30 442	41 440	n/a
6 - 10 persons personnes	146 850	n/a	n/a	n/a	462 215	n/a

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	191	n/a	158	56	47	90
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	6.9	n/a	7.6	13.0	14.2	10.3

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	25	n/a	5	14	31	21
Partners & Directors Associé dirigeant	9	n/a	1	7	7	12
Private practice Salaried Salarié – Secteur privé	27	n/a	19	50	14	36
Private in-house L'industrie / commerce	5	n/a	1	2	2	3
Freelance Indépendant	8	n/a	11	13	7	9
Other Private Autres – Secteur privé	3	n/a	39	4	17	6
Local / central government Collectivité locale / gouvernement	12	n/a	13	5	10	5
Other Public Autre – secteur public	11	n/a	12	5	12	8

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	8 021	n/a	12 819	n/a	24 067	14 816
Partners & Directors Associé dirigeant	7 528	n/a	n/a	n/a	n/a	28 534
Private practice Salaried Salarié – Secteur privé	7 810	n/a	10 896	11 476	n/a	17 173
Private in-house L'industrie / commerce	6 332	n/a	n/a	n/a	n/a	18 494
Freelance Indépendant	14 072	n/a	n/a	24 226	n/a	n/a
Other Private Autres – Secteur privé	12 664	n/a	9 614	n/a	n/a	15 852
Local / central government Collectivité locale / gouvernement	10 554	n/a	11 537	n/a	n/a	n/a
Other Public Autre – secteur public	8 795	n/a	9 614	n/a	n/a	n/a

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	4 495 351	4 604 029	4 658 530	4 838 259	4 963 839	5 006 324
GDP PIB € m	156 438	164 050	255 815	294 110	356 051	426 283
GDP/PIB head/habitant €	34 800	35 632	54 913	60 788	71 729	85 149
Construction € m	11 662	10 301	24 200	24 519	28 873	41 028

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	2 600	2 600	2 500	2 500	3 500	3 300
% Male Homme	69	71	68	69	62	65
% Female Femme	31	29	32	31	37	35
% <40 years <40 ans	36	19	26	28	28	23
Practices Bureaux	1 027	752	754	636	653	647

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	112	91	111	149	169	299
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	101 324	85 367	121 967	206 000	109 358	135 714
6 - 10 persons personnes	501 000	554 417	503 143	463 134	665 332	580 796

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	361	267	322	162	403	207
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	4.8	5.7	5.1	7.4	4.6	6.6

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	26	26	26	22	21	23
Partners & Directors Associé dirigeant	26	27	22	22	18	21
Private practice Salaried Salarié – Secteur privé	26	25	32	43	39	32
Private in-house L'industrie / commerce	0	0	0	1	1	1
Freelance Indépendant	2	2	3	1	1	1
Other Private Autres – Secteur privé	4	0	2	2	2	2
Local / central government Collectivité locale / gouvernement	9	13	9	7	13	11
Other Public Autre – secteur public	6	3	4	3	4	8

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	25 000	35 000	40 000	50 000	57 500	40 000
Partners & Directors Associé dirigeant	45 000	45 000	58 000	60 000	79 408	100 000
Private practice Salaried Salarié – Secteur privé	42 000	43 000	44 343	48 000	50 000	60 000
Private in-house L'industrie / commerce	31 000	n/a	n/a	n/a	n/a	80 000
Freelance Indépendant	55 194	22 500	n/a	n/a	n/a	n/a
Other Private Autres – Secteur privé	76 000	n/a	52 000	n/a	55 500	80 000
Local / central government Collectivité locale / gouvernement	71 000	67 550	69 000	70 000	65 000	70 000
Other Public Autre – secteur public	43 000	70 000	56 500	73 000	74 750	76 500

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	60 850 782	60 782 668	60 665 551	60 483 973	60 244 639	59 236 213
GDP PIB € m	1 580 220	1 560 024	1 642 444	1 724 955	1 789 747	1 775 436
GDP/PIB head/habitant €	25 969	25 666	27 074	28 519	29 708	29 972
Construction € m	180 233	184 111	202 126	195 035	193 859	301 689

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	147 000	153 000	157 000	160 000	152 200	151 000
% Male Homme	63	62	59	57	56	44
% Female Femme	37	38	41	43	44	56
% <40 years <40 ans	34	23	28	27	35	38
Practices Bureaux	58 397	56 284	55 720	41 242	26 134	25 874

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	2 775	1 917	1 758	2 072	2 983	3 530
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	60 380	50 006	49 171	51 843	76 913	56 588
6 - 10 persons personnes	253 669	208 189	164 400	139 833	385 514	n/a

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	14 004	8 167	12 568	9 018	5 221	4 79
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	0.8	1.1	0.8	1.0	1.3	4.5

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	46	47	39	34	39	44
Partners & Directors Associé dirigeant	6	6	4	5	4	5
Private practice Salaried Salarié – Secteur privé	17	15	13	13	16	14
Private in-house L'industrie / commerce	2	2	2	2	2	2
Freelance Indépendant	13	13	20	21	13	24
Other Private Autres – Secteur privé	9	8	10	10	13	3
Local / central government Collectivité locale / gouvernement	4	5	5	6	5	4
Other Public Autre – secteur public	4	4	6	9	7	2

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	27 000	30 000	27 500	27 500	30 000	35 000
Partners & Directors Associé dirigeant	34 500	36 000	35 000	30 000	45 000	30 000
Private practice Salaried Salarié – Secteur privé	24 000	27 778	24 000	22 000	25 000	24 000
Private in-house L'industrie / commerce	20 000	n/a	25 000	28 000	28 000	35 000
Freelance Indépendant	25 000	20 000	18 000	20 000	21 800	20 000
Other Private Autres – Secteur privé	30 000	26 000	22 000	21 000	25 000	23 400
Local / central government Collectivité locale / gouvernement	28 000	30 000	30 000	30 000	25 000	25 000
Other Public Autre – secteur public	25 000	26 000	27 000	30 000	30 000	25 914

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	2 042 371	2 001 468	1 968 957	1 934 379	1 907 675	1 893 223
GDP PIB € m	21 338	23 372	24 349	27 033	30 463	32 867
GDP/PIB head/habitant €	10 447	11 677	12 366	13 975	15 969	17 360
Construction € m	3 705	5 481	3 491	6 518	6 018	5 641

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	900	900	900	820	810	900
% Male Homme	n/a	42	n/a	n/a	n/a	42
% Female Femme	n/a	58	n/a	n/a	n/a	54
% <40 years <40 ans	n/a	29	n/a	n/a	n/a	23
Practices Bureaux	n/a	245	n/a	n/a	n/a	224

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	n/a	23	n/a	n/a	n/a	30
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	n/a	n/a	n/a	n/a	n/a	n/a
6 - 10 persons personnes	n/a	678 886	n/a	n/a	n/a	n/a

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	n/a	36	n/a	n/a	n/a	50
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	n/a	16.0	n/a	n/a	n/a	13.5

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	n/a	15	n/a	n/a	n/a	32
Partners & Directors Associé dirigeant	n/a	31	n/a	n/a	n/a	21
Private practice Salaried Salarié – Secteur privé	n/a	31	n/a	n/a	n/a	21
Private in-house L'industrie / commerce	n/a	0	n/a	n/a	n/a	4
Freelance Indépendant	n/a	0	n/a	n/a	n/a	9
Other Private Autres – Secteur privé	n/a	12	n/a	n/a	n/a	0
Local / central government Collectivité locale / gouvernement	n/a	12	n/a	n/a	n/a	11
Other Public Autre – secteur public	n/a	0	n/a	n/a	n/a	2

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	n/a	19 200	n/a	n/a	n/a	12 000
Partners & Directors Associé dirigeant	n/a	4 275	n/a	n/a	n/a	6 800
Private practice Salaried Salarié – Secteur privé	n/a	3 350	n/a	n/a	n/a	18 000
Private in-house L'industrie / commerce	n/a	n/a	n/a	n/a	n/a	13 066
Freelance Indépendant	n/a	n/a	n/a	n/a	n/a	n/a
Other Private Autres – Secteur privé	n/a	6 000	n/a	n/a	n/a	n/a
Local / central government Collectivité locale / gouvernement	n/a	1 060	n/a	n/a	n/a	n/a
Other Public Autre – secteur public	n/a	n/a	n/a	n/a	n/a	n/a

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	3 199 771	2 943 472	2 888 558	2 808 901	2 794 090	2 795 680
GDP PIB € m	30 705	34 631	37 331	42 191	48 797	55 383
GDP/PIB head/habitant €	9 596	11 765	12 924	15 020	17 465	19 810
Construction € m	3 378	3 733	3 479	4 984	4 869	7 538

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	1 500	1 350	1 350	1 400	1 450	1 300
% Male Homme	86	n/a	50	52	64	40
% Female Femme	14	n/a	50	48	36	60
% <40 years <40 ans	37	n/a	38	43	n/a	42
Practices Bureaux	422	n/a	337	359	423	222

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	10	n/a	11	17	21	51
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	n/a	n/a	26 566	25 106	50 000	n/a
6 - 10 persons personnes	n/a	n/a	178 349	119 063	550 000	n/a

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	22	n/a	143	122	17	13
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	+/- 20.7	n/a	+/- 7.8	8.5	23.6	27.1

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	24	n/a	14	21	8	17
Partners & Directors Associé dirigeant	43	n/a	3	12	31	8
Private practice Salaried Salarié – Secteur privé	19	n/a	22	43	31	42
Private in-house L'industrie / commerce	0	n/a	0	1	0	0
Freelance Indépendant	5	n/a	15	14	23	8
Other Private Autres – Secteur privé	5	n/a	36	1	0	0
Local / central government Collectivité locale / gouvernement	5	n/a	6	2	8	25
Other Public Autre – secteur public	0	n/a	5	5	0	0

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	n/a	n/a	n/a	15 000	n/a	16 000
Partners & Directors Associé dirigeant	n/a	n/a	n/a	18 000	n/a	n/a
Private practice Salaried Salarié – Secteur privé	n/a	n/a	n/a	12 000	15 000	30 000
Private in-house L'industrie / commerce	n/a	n/a	n/a	n/a	n/a	n/a
Freelance Indépendant	n/a	n/a	n/a	10 000	n/a	n/a
Other Private Autres – Secteur privé	n/a	n/a	n/a	n/a	n/a	n/a
Local / central government Collectivité locale / gouvernement	n/a	n/a	n/a	n/a	n/a	n/a
Other Public Autre – secteur public	n/a	n/a	n/a	n/a	n/a	n/a

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique
 construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	524 853	549 680	576 249	602 005	626 108	634 730
GDP PIB € m	42 822	45 478	51 216	55 299	63 516	72 295
GDP/PIB head/habitant €	81 588	82 736	88 879	91 859	101 446	113 899
Construction € m	5 306	5 579	7 284	7 616	8 629	10 791

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes *	680	900	950	950	1 100	700
% Male Homme	72	75	74	68	68	70
% Female Femme	28	25	26	32	31	30
% <40 years <40 ans	38	22	14	22	28	22
Practices Bureaux	166	244	190	268	308	185

* 2008-12 = architects who are obliged to register. 2014 onwards includes voluntary registrations.

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	38	49	68	50	66	50
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	154 000	231 165	138 750	n/a	140 569	181 505
6 - 10 persons personnes	683 115	486 532	443 100	n/a	574 571	553 612

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	89	130	86	28	80	120
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	+/- 9.7	+/- 8.0	+/- 10.1	18.3	10.6	8.1

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	39	34	22	39	56	43
Partners & Directors Associé dirigeant	24	28	39	25	21	30
Private practice Salaried Salarié – Secteur privé	10	19	14	18	16	16
Private in-house L'industrie / commerce	0	0	1	0	0	0
Freelance Indépendant	9	9	8	14	5	10
Other Private Autres – Secteur privé	19	9	15	0	1	2
Local / central government Collectivité locale / gouvernement	0	0	0	0	0	0
Other Public Autre – secteur public	0	0	0	4	0	0

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	56 000	56 000	52 050	50 000	68 500	60 000
Partners & Directors Associé dirigeant	75 000	70 000	88 000	82 500	96 000	106 000
Private practice Salaried Salarié – Secteur privé	82 000	48 000	90 750	100 000	50 000	71 000
Private in-house L'industrie / commerce	31 000	n/a	n/a	n/a	n/a	n/a
Freelance Indépendant	50 000	57 000	60 000	n/a	n/a	59 000
Other Private Autres – Secteur privé	n/a	60 000	80 000	n/a	n/a	59 000
Local / central government Collectivité locale / gouvernement	n/a	n/a	n/a	n/a	n/a	n/a
Other Public Autre – secteur public	56 400	n/a	n/a	n/a	n/a	n/a

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	420 085	425 384	434 403	475 701	514 564	516 100
GDP PIB € m	6 499	7 263	8 788	11 140	13 390	14 681
GDP/PIB head/habitant €	15 471	17 073	20 231	23 417	26 022	28 447
Construction € m	501	744	1 043	1 300	1 942	2 139

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	650	650	650-950*	1 000	1 000	1 000
% Male Homme	76	73	64	64	n/a	n/a
% Female Femme	24	27	36	36	n/a	n/a
% <40 years <40 ans	56	52	58	67	n/a	n/a
Practices Bureaux	146	130	99	150	n/a	n/a

* revised

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	16	13	10	19	n/a	n/a
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	86 125	24 500	n/a	n/a	n/a	n/a
6 - 10 persons personnes	n/a	375 000	n/a	n/a	n/a	n/a

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	41	74	45	66	n/a	n/a
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	+/- 14.8	+/- 10.7	+/- 14.1	11.7	n/a	n/a

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	18	17	9	21	n/a	n/a
Partners & Directors Associé dirigeant	16	5	5	8	n/a	n/a
Private practice Salaried Salarié – Secteur privé	29	35	41	41	n/a	n/a
Private in-house L'industrie / commerce	0	6	0	2	n/a	n/a
Freelance Indépendant	3	6	5	3	n/a	n/a
Other Private Autres – Secteur privé	11	6	7	8	n/a	n/a
Local / central government Collectivité locale / gouvernement	8	19	18	8	n/a	n/a
Other Public Autre – secteur public	16	5	16	11	n/a	n/a

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	25 000	25 000	n/a	45 000	n/a	n/a
Partners & Directors Associé dirigeant	45 000	57 500	n/a	n/a	n/a	n/a
Private practice Salaried Salarié – Secteur privé	25 000	21 750	21 300	25 000	n/a	n/a
Private in-house L'industrie / commerce	50 000	n/a	n/a	n/a	n/a	n/a
Freelance Indépendant	45 000	40 843	n/a	n/a	n/a	n/a
Other Private Autres – Secteur privé	25 000	32 500	n/a	47 919	n/a	n/a
Local / central government Collectivité locale / gouvernement	21 300	30 000	28 950	28 000	n/a	n/a
Other Public Autre – secteur public	25 000	40 000	38 500	26 500	n/a	n/a

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	4 985 870	5 107 970	5 213 985	5 295 619	5 367 580	5 391 369
GDP PIB € m	358 734	393 966	348 408	354 287	360 301	407 533
GDP/PIB head/habitant €	71 950	77 128	66 822	66 902	67 125	75 590
Construction € m	57 008	56 496	57 609	61 260	61 205	70 395

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	3 600	3 650	3 740	3 825	4 000	4 400
% Male Homme	n/a	n/a	n/a	47	55	54
% Female Femme	n/a	n/a	n/a	53	44	45
% <40 years <40 ans	n/a	n/a	n/a	44	30	29
Practices Bureaux	n/a	n/a	n/a	630	620	635

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	n/a	n/a	n/a	340	246	246
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	n/a	n/a	n/a	n/a	170 125	n/a
6 - 10 persons personnes	n/a	n/a	n/a	881 951	606 608	n/a

Response Réponse

	2012	2014	2016	2018	2020	2022	
Participants Répondants		n/a	n/a	n/a	254	169	101
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance		n/a	n/a	n/a	5.9	7.4	9.6

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	n/a	n/a	n/a	9	14	12
Partners & Directors Associé dirigeant	n/a	n/a	n/a	19	19	25
Private practice Salaried Salarié – Secteur privé	n/a	n/a	n/a	52	47	45
Private in-house L'industrie / commerce				0	1	0
Freelance Indépendant	n/a	n/a	n/a	1	2	2
Other Private Autres – Secteur privé	n/a	n/a	n/a	3	4	3
Local / central government Collectivité locale / gouvernement	n/a	n/a	n/a	10	10	11
Other Public Autre – secteur public	n/a	n/a	n/a	5	4	1

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	n/a	n/a	n/a	72 174	53 357	62 496
Partners & Directors Associé dirigeant	n/a	n/a	n/a	76 814	80 423	103 320
Private practice Salaried Salarié – Secteur privé	n/a	n/a	n/a	66 710	71 917	73 584
Private in-house L'industrie / commerce				n/a	n/a	n/a
Freelance Indépendant	n/a	n/a	n/a	n/a	n/a	n/a
Other Private Autres – Secteur privé	n/a	n/a	n/a	88 671	n/a	n/a
Local / central government Collectivité locale / gouvernement	n/a	n/a	n/a	63 101	72 432	70 560
Other Public Autre – secteur public	n/a	n/a	n/a	60 204	77 330	n/a

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	38 208 618	n/a	37 967 209	37 976 687	37 958 138	37 840 001
GDP PIB € m	370 014	n/a	427 737	467 167	532 329	574 385
GDP/PIB head/habitant €	9 684	n/a	11 266	12 301	14 024	15 179
Construction € m	68 723	n/a	61 170	103 477	99 256	117 109

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	13 700	n/a	14 000	14 000	14 000	13 600
% Male Homme	55	n/a	54	59	42	54
% Female Femme	45	n/a	46	41	58	45
% <40 years <40 ans	51	n/a	66	72	70	34
Practices Bureaux	4 423	n/a	4 138	4 146	4 070	5 070

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	211	n/a	212	208	229	335
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	24 566	n/a	19 624	n/a	29 096	33 128
6 - 10 persons personnes	132 438	n/a	199 662	n/a	132 786	144 394

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	560	n/a	201	36	85	3 095
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	+/- 4.1	n/a	+/- 6.9	16.3	10.6	1.5

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	41	n/a	35	34	35	54
Partners & Directors Associé dirigeant	14	n/a	11	16	8	12
Private practice Salaried Salarié – Secteur privé	27	n/a	29	44	46	20
Private in-house L'industrie / commerce	2	n/a	0	0	1	1
Freelance Indépendant	5	n/a	12	3	5	5
Other Private Autres – Secteur privé	3	n/a	6	0	0	1
Local / central government Collectivité locale / gouvernement	5	n/a	7	0	2	4
Other Public Autre – secteur public	2	n/a	2	3	2	3

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	14 453	n/a	12 208	n/a	14 060	17 392
Partners & Directors Associé dirigeant	23 487	n/a	40 047	n/a	36 789	25 608
Private practice Salaried Salarié – Secteur privé	11 804	n/a	4 929	8 436	10 545	14 447
Private in-house L'industrie / commerce		n/a	n/a	n/a	n/a	25 075
Freelance Indépendant	9 154	n/a	4 381	n/a	13 076	19 718
Other Private Autres – Secteur privé	19 223	n/a	799	n/a	n/a	19 718
Local / central government Collectivité locale / gouvernement	8 672	n/a	11 078	n/a	n/a	17 072
Other Public Autre – secteur public	1 349	n/a	n/a	n/a	n/a	17 072

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	10 541 840	10 427 301	10 341 330	10 291 027	10 295 909	10 298 252
GDP PIB € m	170 907	165 690	179 540	194 614	213 301	211 280
GDP/PIB head/habitant €	16 212	15 890	17 361	18 911	20 717	20 516
Construction € m	22 671	18 710	16 342	17 832	22 425	26 616

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	17 100	21 200	22 200	23 000	26 000	20 700
% Male Homme	56	57	55	54	54	53
% Female Femme	44	43	45	46	46	47
% <40 years <40 ans	73	68	53	46	50	36
Practices Bureaux	3 226	4 462	3 479	3 356	2 562	4 571

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	261	177	276	348	427	585
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	35 078	38 123	46 334	32 997	53 628	46 214
6 - 10 persons personnes	508 499	223 173	207 800	183 540	294 549	260 457

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	1 678	1 836	718	1 508	1 532	4 942
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	+/- 2.2	+/- 2.2	+/- 3.6	2.4	2.4	1.2

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	11	9	11	13	15	24
Partners & Directors Associé dirigeant	12	10	10	10	10	13
Private practice Salaried Salarié – Secteur privé	35	37	33	31	39	31
Private in-house L'industrie / commerce	1	2	1	1	1	1
Freelance Indépendant	15	13	18	17	12	9
Other Private Autres – Secteur privé	6	4	3	3	3	1
Local / central government Collectivité locale / gouvernement	13	21	17	18	15	16
Other Public Autre – secteur public	7	5	6	6	5	4

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	13 000	12 835	14 000	11 520	12 000	14 500
Partners & Directors Associé dirigeant	14 300	14 125	14 400	15 000	15 000	17 000
Private practice Salaried Salarié – Secteur privé	10 600	9 500	9 600	10 200	11 079	13 000
Private in-house L'industrie / commerce	10 850	n/a	n/a	10 000	14 400	18 500
Freelance Indépendant	11 900	10 833	11 000	13 200	10 000	12 000
Other Private Autres – Secteur privé	15 521	11 000	12 250	10 600	9 800	13 200
Local / central government Collectivité locale / gouvernement	18 150	16 820	16 407	16 780	16 870	17 000
Other Public Autre – secteur public	12 000	16 400	20 940	15 000	18 865	20 000

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	21 355 849	19 942 642	19 759 968	19 523 621	19 317 984	19 201 662
GDP PIB € m	136 479	142 245	160 353	187 940	223 337	240 154
GDP/PIB head/habitant €	6 391	7 133	8 115	9 626	11 561	12 507
Construction € m	22 034	31 461	30 014	24 414	40 354	45 582

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	7 400	7 400	7 600	9 900	10 500	10 800
% Male Homme	56	55	77	55	56	46
% Female Femme	44	45	23	45	44	54
% <40 years <40 ans	47	42	33	61	59	58
Practices Bureaux	1 851	2 037	1 666	2 407	2 514	4 671

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	90	79	77	136	182	338
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	52 789	36 042	n/a	20 816	30 419	32 255
6 - 10 persons personnes	175 358	257 460	81 265	887 162	128 313	n/a

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	365	245	39	522	349	394
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	+/- 5.0	+/- 6.2	+/- 15.7	4.2	5.2	4.8

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	23	26	33	26	33	34
Partners & Directors Associé dirigeant	20	22	26	19	14	18
Private practice Salaried Salarié – Secteur privé	26	27	13	37	40	40
Private in-house L'industrie / commerce	1	1	0	1	0	0
Freelance Indépendant	3	1	0	10	4	3
Other Private Autres – Secteur privé	21	17	15	3	3	1
Local / central government Collectivité locale / gouvernement	1	2	8	1	2	1
Other Public Autre – secteur public	5	5	5	4	3	5

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	11 349	7 753	9 155	10 363	10 833	7 680
Partners & Directors Associé dirigeant	7 149	6 890	12 141	5 866	13 693	7 892
Private practice Salaried Salarié – Secteur privé	5 517	2 300	2 900	3 522	7 722	4 000
Private in-house L'industrie / commerce	6 755	n/a	n/a	n/a	n/a	n/a
Freelance Indépendant	4 053	n/a	n/a	6 203	4 200	5 053
Other Private Autres – Secteur privé	3 242	3 615	n/a	14 506	14 862	7 276
Local / central government Collectivité locale / gouvernement	1 430	n/a	n/a	n/a	2 400	n/a
Other Public Autre – secteur public	6 485	7 003	n/a	1 296	1 630	n/a

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	7 216 649	7 146 759	7 076 372	7 001 444	6 926 705	6,871,547
GDP PIB € m	35 432	36 427	35 740	36 795	45 970	53,318
GDP/PIB head/habitant €	4 910	5 097	4 733	5 255	6 637	7,759
Construction € m	5 526	4 357	1 945	6 727	10 438	13,674

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	n/a	8 000	8 000	8 000	8 000	3 400
% Male Homme	n/a	n/a	n/a	n/a	33	n/a
% Female Femme	n/a	n/a	n/a	n/a	67	n/a
% <40 years <40 ans	n/a	n/a	n/a	n/a	50	n/a
Practices Bureaux	n/a	n/a	n/a	n/a	1 835	n/a

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	n/a	n/a	n/a	n/a	78	n/a
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	n/a	n/a	n/a	n/a	14 000	n/a
6 - 10 persons personnes	n/a	n/a	n/a	n/a	111 000	n/a

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	n/a	n/a	n/a	n/a	15	n/a
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	n/a	n/a	n/a	n/a	25.3	n/a

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	n/a	n/a	n/a	n/a	33	n/a
Partners & Directors Associé dirigeant	n/a	n/a	n/a	n/a	7	n/a
Private practice Salaried Salarié – Secteur privé	n/a	n/a	n/a	n/a	40	n/a
Private in-house L'industrie / commerce	n/a	n/a	n/a	n/a	0	n/a
Freelance Indépendant	n/a	n/a	n/a	n/a	0	n/a
Other Private Autres – Secteur privé	n/a	n/a	n/a	n/a	0	n/a
Local / central government Collectivité locale / gouvernement	n/a	n/a	n/a	n/a	13	n/a
Other Public Autre – secteur public	n/a	n/a	n/a	n/a	7	n/a

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	n/a	n/a	n/a	n/a	n/a	n/a
Partners & Directors Associé dirigeant	n/a	n/a	n/a	n/a	n/a	n/a
Private practice Salaried Salarié – Secteur privé	n/a	n/a	n/a	n/a	7 700	n/a
Private in-house L'industrie / commerce	n/a	n/a	n/a	n/a	n/a	n/a
Freelance Indépendant	n/a	n/a	n/a	n/a	n/a	n/a
Other Private Autres – Secteur privé	n/a	n/a	n/a	n/a	n/a	n/a
Local / central government Collectivité locale / gouvernement	n/a	n/a	n/a	n/a	n/a	n/a
Other Public Autre – secteur public	n/a	n/a	n/a	n/a	n/a	n/a

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique
 construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	5 404 322	5 415 949	5 426 252	5 443 120	5 457 873	5 459 781
GDP PIB € m	71 730	72 134	78 686	84 851	93 865	97 123
GDP/PIB head/habitant €	13 273	13 319	14 501	15 589	17 198	17 789
Construction € m	12 761	12 343	12 418	15 430	15 263	14 288

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	1 600	1 750	1 650	1 730	1 800	1 800
% Male Homme	n/a	79	77	n/a	80	74
% Female Femme	n/a	21	23	n/a	20	25
% <40 years <40 ans	n/a	28	33	n/a	19	25
Practices Bureaux	n/a	487	449	n/a	409	648

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	n/a	15	22	n/a	29	38
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	n/a	23 254	45 100	n/a	32 875	36 314
6 - 10 persons personnes	n/a	41 577	202 667	n/a	214 423	175 260

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	n/a	416	143	n/a	187	443
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	n/a	+/- 4.2	+/- 7.8	n/a	6.8	4.0

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	n/a	38	35	n/a	55	47
Partners & Directors Associé dirigeant	n/a	10	19	n/a	14	13
Private practice Salaried Salarié – Secteur privé	n/a	17	10	n/a	13	23
Private in-house L'industrie / commerce	n/a	0	1	n/a	1	2
Freelance Indépendant	n/a	26	24	n/a	11	11
Other Private Autres – Secteur privé	n/a	4	4	n/a	2	0
Local / central government Collectivité locale / gouvernement	n/a	3	5	n/a	2	2
Other Public Autre – secteur public	n/a	3	2	n/a	3	3

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	n/a	10 000	14 700	n/a	25 000	25 000
Partners & Directors Associé dirigeant	n/a	11 500	10 800	n/a	34 500	30 000
Private practice Salaried Salarié – Secteur privé	n/a	13 000	13 000	n/a	21 000	30 000
Private in-house L'industrie / commerce	n/a	n/a	n/a	n/a	n/a	32 000
Freelance Indépendant	n/a	9 928	8 725	n/a	20 000	21 000
Other Private Autres – Secteur privé	n/a	21 500	n/a	n/a	n/a	24 000
Local / central government Collectivité locale / gouvernement	n/a	12 657	n/a	n/a	n/a	19 250
Other Public Autre – secteur public	n/a	10 000	n/a	n/a	12 000	26 400

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique
 construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	2 055 496	2 061 085	2 064 188	2 066 880	2 095 861	2 108 977
GDP PIB € m	36 172	35 275	38 570	43 000	48 393	52 208
GDP/PIB head/habitant €	17 598	17 115	18 685	20 804	23 090	24 755
Construction € m	4 864	5 522	4 339	7 309	7 404	10 260

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	1 250	1 300	1 350	1 380	1 460	1 500
% Male Homme	57	44	48	52	46	53
% Female Femme	43	56	52	48	54	47
% <40 years <40 ans	33	33	24	43	29	22
Practices Bureaux	417	578	444	386	447	604

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	42	25	36	30	40	54
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	n/a	29 050	62 595	n/a	50 346	76 193
6 - 10 persons personnes	n/a	n/a	115 800	168 750	300 000	452 500

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	37	53	111	46	89	277
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	+/- 15.9	+/- 13.2	+/- 9.0	14.2	10.1	5.3

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	34	30	20	33	40	35
Partners & Directors Associé dirigeant	19	33	17	13	15	28
Private practice Salaried Salarié – Secteur privé	25	13	19	26	24	23
Private in-house L'industrie / commerce	0	0	4	4	6	3
Freelance Indépendant	13	20	19	20	2	3
Other Private Autres – Secteur privé	3	0	14	0	6	0
Local / central government Collectivité locale / gouvernement	3	3	6	4	6	7
Other Public Autre – secteur public	3	3	3	0	1	2

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	20 500	24 000	20 000	34 500	33 600	22 000
Partners & Directors Associé dirigeant	33 000	14 400	20 000	n/a	41 000	37 250
Private practice Salaried Salarié – Secteur privé	4 493	13 200	15 000	n/a	17 500	18 300
Private in-house L'industrie / commerce	7 750	n/a	n/a	n/a	n/a	20 360
Freelance Indépendant	22 000	20 000	12 830	21 000	n/a	n/a
Other Private Autres – Secteur privé	13 500	n/a	14 000	n/a	15 000	20 000
Local / central government Collectivité locale / gouvernement	1 200	n/a	n/a	n/a	n/a	25 000
Other Public Autre – secteur public	15 000	n/a	n/a	n/a	n/a	n/a

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	46 196 277	46 507 760	46 438 422	46 659 302	47 329 981	47 398 695
GDP PIB € m	1 063 355	1 022 988	1 075 639	1 166 319	1 244 772	1 205 063
GDP/PIB head/habitant €	23 018	21 996	23 163	24 996	26 300	25 424
Construction € m	156 525	162 642	131 177	146 327	162 643	148 459

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	51 000	51 700	53 800	55 700	47 600	50 000
% Male Homme	75	71	72	65	66	53
% Female Femme	25	29	28	35	34	46
% <40 years <40 ans	56	41	50	42	48	36
Practices Bureaux	8 153	7 742	8 077	10 337	8 567	13 612

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	336	333	461	556	593	1 170
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	58 452	42 864	29 855	47 953	63 453	72 609
6 - 10 persons personnes	193 125	153 339	286 250	n/a	213 000	424 018

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	184	645	383	194	259	847
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	+/- 7.2	+/- 3.8	+/- 5.0	7.0	6.1	3.3

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	21	17	14	28	32	49
Partners & Directors Associé dirigeant	11	7	6	10	12	12
Private practice Salaried Salarié – Secteur privé	5	11	14	20	26	19
Private in-house L'industrie / commerce	0	0	0	1	1	1
Freelance Indépendant	14	12	13	22	12	7
Other Private Autres – Secteur privé	48	40	44	3	2	2
Local / central government Collectivité locale / gouvernement	1	7	6	7	7	6
Other Public Autre – secteur public	1	6	3	9	8	4

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	30 250	30 000	15 000	29 100	30 000	25 608
Partners & Directors Associé dirigeant	18 000	25 000	25 000	26 000	30 000	37 000
Private practice Salaried Salarié – Secteur privé	16 000	30 000	24 000	18 000	26 000	21 600
Private in-house L'industrie / commerce	15 000	n/a	n/a	n/a	n/a	3 500
Freelance Indépendant	26 400	20 000	21 000	20 000	22 500	20 000
Other Private Autres – Secteur privé	20 000	25 000	20 500	23 000	n/a	20 000
Local / central government Collectivité locale / gouvernement	4 200	40 304	52 000	39 000	41 500	39 000
Other Public Autre – secteur public	20 000	36 000	41 000	33 600	50 000	31 500

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	9 482 855	9 644 864	9 851 017	10 120 242	10 327 589	10 379 295
GDP PIB € m	387 886	420 849	446 946	475 231	474 194	537 310
GDP/PIB head/habitant €	40 904	43 635	45 371	46 958	45 915	51 767
Construction € m	38 608	43 152	63 559	57 032	63 948	64 609

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	5 800	6 150	6 550	6 750	7 000	7 400
% Male Homme	49	49	54	42	41	46
% Female Femme	51	51	46	58	58	53
% <40 years <40 ans	32	34	25	38	34	40
Practices Bureaux	1 207	1 504	1 114	1 076	923	890

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	331	347	470	532	420	448
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	196 857	333 424	204 343	156 525	66 180	168 239
6 - 10 persons personnes	700 687	670 488	908 062	630 058	801 321	n/a

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	1 523	853	661	491	566	512
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	+/- 2.2	+/- 3.1	+/- 3.6	4.3	3.9	4.2

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	12	29	14	8	13	13
Partners & Directors Associé dirigeant	6	17	7	7	8	11
Private practice Salaried Salarié – Secteur privé	39	32	40	58	60	53
Private in-house L'industrie / commerce	1	1	0	0	0	1
Freelance Indépendant	0	1	0	0	1	1
Other Private Autres – Secteur privé	16	4	11	1	1	1
Local / central government Collectivité locale / gouvernement	23	14	24	22	17	18
Other Public Autre – secteur public	3	2	3	4	1	3

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	51 710	54 903	53 255	30 167	46 194	46 618
Partners & Directors Associé dirigeant	59 620	69 323	76 079	56 564	68 159	67 284
Private practice Salaried Salarié – Secteur privé	44 974	45 254	48 908	40 726	43 554	44 215
Private in-house L'industrie / commerce	73 119	n/a	n/a	n/a	n/a	24 991
Freelance Indépendant	44 884	n/a	n/a	n/a	n/a	20 858
Other Private Autres – Secteur privé	44 783	55 835	46 952	n/a	38 558	21 146
Local / central government Collectivité locale / gouvernement	49 496	61 048	50 321	44 120	50 342	52 366
Other Public Autre – secteur public	45 559	55 458	56 342	40 792	57 695	59 556

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	7 954 662	8 136 689	8 325 194	8 482 152	8 606 033	8 670 300
GDP PIB € m	474 689	489 673	604 510	601 327	628 107	687 110
GDP/PIB head/habitant €	59 674	60 181	72 612	70 893	72 984	79 249
Construction € m	n/a	47 311	70 218	75 721	68 569	82 193

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	5 400	7 200	7 300	7 400	7 500	9 200
% Male Homme	n/a	73	n/a	n/a	n/a	n/a
% Female Femme	n/a	28	n/a	n/a	n/a	n/a
% <40 years <40 ans	n/a	33	n/a	n/a	n/a	n/a
Practices Bureaux	n/a	1 629	n/a	n/a	n/a	n/a

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	n/a	624	n/a	n/a	n/a	n/a
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	n/a	187 577	n/a	n/a	n/a	n/a
6 - 10 persons personnes	n/a	962 959	n/a	n/a	n/a	n/a

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	n/a	200	n/a	n/a	n/a	n/a
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	n/a	+/- 6.8	n/a	n/a	n/a	n/a

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2020	2020	2022
Sole Principals Dirigeant unique	n/a	22	n/a	n/a	n/a	n/a
Partners & Directors Associé dirigeant	n/a	37	n/a	n/a	n/a	n/a
Private practice Salaried Salarié – Secteur privé	n/a	21	n/a	n/a	n/a	n/a
Private in-house L'industrie / commerce	n/a	1	n/a	n/a	n/a	n/a
Freelance Indépendant	n/a	3	n/a	n/a	n/a	n/a
Other Private Autres – Secteur privé	n/a	11	n/a	n/a	n/a	n/a
Local / central government Collectivité locale / gouvernement	n/a	5	n/a	n/a	n/a	n/a
Other Public Autre – secteur public	n/a	2	n/a	n/a	n/a	n/a

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	n/a	90 175	n/a	n/a	n/a	n/a
Partners & Directors Associé dirigeant	n/a	98 373	n/a	n/a	n/a	n/a
Private practice Salaried Salarié – Secteur privé	n/a	69 271	n/a	n/a	n/a	n/a
Private in-house L'industrie / commerce	n/a	n/a	n/a	n/a	n/a	n/a
Freelance Indépendant	n/a	59 024	n/a	n/a	n/a	n/a
Other Private Autres – Secteur privé	n/a	90 175	n/a	n/a	n/a	n/a
Local / central government Collectivité locale / gouvernement	n/a	111 489	n/a	n/a	n/a	n/a
Other Public Autre – secteur public	n/a	n/a	n/a	n/a	n/a	n/a

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	74 724 269	76 667 864	78 741 053	82 003 882	83 614 362	83 614 362
GDP PIB € m	555 249	617 794	653 315	658 544	626 742	689 547
GDP/PIB head/habitant €	7 431	8 058	8 297	8 031	7 496	8 247
Construction € m	22 365	27 499	30 221	39 867	22 008	28 378

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	40 600	44 700	50 000	n/a	n/a	72 500
% Male Homme	55	52	54	n/a	n/a	n/a
% Female Femme	45	48	46	n/a	n/a	n/a
% <40 years <40 ans	57	62	66	n/a	n/a	n/a
Practices Bureaux	7 232	9 231	10 341	n/a	n/a	n/a

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	857	888	1 183	n/a	n/a	n/a
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	40 837	47 648	31 548	33 645	n/a	n/a
6 - 10 persons personnes	388 736	225 491	339 257	220 272	n/a	n/a

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	910	605	694	n/a	n/a	n/a
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	+/- 3.2	+/- 4.0	+/- 3.7	n/a	n/a	n/a

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	22	19	17	n/a	n/a	n/a
Partners & Directors Associé dirigeant	9	9	7	n/a	n/a	n/a
Private practice Salaried Salarié – Secteur privé	42	50	48	n/a	n/a	n/a
Private in-house L'industrie / commerce	0	0	0	n/a	n/a	n/a
Freelance Indépendant	7	5	7	n/a	n/a	n/a
Other Private Autres – Secteur privé	2	1	2	n/a	n/a	n/a
Local / central government Collectivité locale / gouvernement	6	7	7	n/a	n/a	n/a
Other Public Autre – secteur public	11	10	12	n/a	n/a	n/a

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	28 012	26 040	29 675	n/a	n/a	n/a
Partners & Directors Associé dirigeant	25 857	34 263	18 742	n/a	n/a	n/a
Private practice Salaried Salarié – Secteur privé	11 205	8 806	10 496	n/a	n/a	n/a
Private in-house L'industrie / commerce	14 760	n/a	n/a	n/a	n/a	n/a
Freelance Indépendant	14 652	13 534	12 791	n/a	n/a	n/a
Other Private Autres – Secteur privé	15 514	12 335	5 623	n/a	n/a	n/a
Local / central government Collectivité locale / gouvernement	13 446	14 802	14 994	n/a	n/a	n/a
Other Public Autre – secteur public	15 514	11 478	14 057	n/a	n/a	n/a

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Social & Economic Social & Economique

construction / GDP previous year construction / PIB année précédente

	2012	2014	2016	2018	2020	2022
Population	62 989 550	64 308 261	65 341 183	66 238 007	67 025 542	67,350,695
GDP PIB € m	1 746 962	1 899 098	2 577 280	2 332 087	2 522 713	2,198,473
GDP/PIB head/habitant €	27 734	29 531	39 443	35 208	37 638	32,642
Construction € m	243 857	225 064	305 069	367 926	356 761	363,097

Architectural Profession Profession d'architecte

	2012	2014	2016	2018	2020	2022
Architects Architectes	33 500	34 300	36 700	41 000	42 500	42 200
% Male Homme	80	75	67	74	67	71
% Female Femme	20	25	33	26	32	27
% <40 years <40 ans	30	33	37	31	27	23
Practices Bureaux	6 385	6 835	7 037	7 515	8 224	11,063

Architectural Market Marché de l'architecture

	2012	2014	2016	2018	2020	2022
Market Marché (€ m)	2 006	1 979	2 169	2 265	2 125	2,777
Average turnover per practice (€) : Revenu moyen par bureaux d'architecture (€) :						
2 persons personnes	120 700	105 975	110 601	108 955	66 180	170,389
6 - 10 persons personnes	760 354	823 860	657 411	464 416	801 321	484,572

Response Réponse

	2012	2014	2016	2018	2020	2022
Participants Répondants	1 828	466	1 074	707	423	324
Accuracy of results 95% confidence +/- Précision des résultats: 95% confiance	+/- 2.2	+/- 4.5	+/- 2.9	3.7	4.7	5.4

Field of Employment Domaine d'activité

	per cent pourcentage					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	16	14	18	20	25	28
Partners & Directors Associé dirigeant	27	24	17	19	18	29
Private practice Salaried Salarié – Secteur privé	40	51	47	45	40	31
Private in-house L'industrie / commerce	2	1	2	1	1	2
Freelance Indépendant	1	1	3	2	2	1
Other Private Autres – Secteur privé	6	4	5	5	6	2
Local / central government Collectivité locale / gouvernement	5	2	4	3	4	4
Other Public Autre – secteur public	4	5	5	5	4	4

Earnings Revenus

	Average earnings €* Revenu moyen en € *					
	2012	2014	2016	2018	2020	2022
Sole Principals Dirigeant unique	41 338	36 562	35 726	39 704	43 674	42,359
Partners & Directors Associé dirigeant	61 327	60 936	63 796	52 182	56 720	65,626
Private practice Salaried Salarié – Secteur privé	45 382	43 874	50 000	45 376	44 241	53,694
Private in-house L'industrie / commerce	49 062	n/a	53 589	79 691	n/a	77,558
Freelance Indépendant	63 780	n/a	n/a	n/a	n/a	n/a
Other Private Autres – Secteur privé	51 021	76 780	47 209	70 333	70 900	70,796
Local / central government Collectivité locale / gouvernement	47 966	51 187	50 603	56 720	56 720	53,694
Other Public Autre – secteur public	49 062	54 843	70 000	58 989	56 720	66,819

* Earnings values are unadjusted for PPP * Revenu moyen NON ajusté par PPA

Appendix

A1 Survey methodology

The 2022 Sector Study was commissioned by the Architects' Council of Europe (ACE) the representative body for the architectural profession at European level whose Members are the national representative and registration bodies of the profession in all EU Member States, Accession States, Norway and Switzerland. It repeats and updates the previous biennial Sector Studies the first of which was in 2008. All 31 countries from which the ACE drew its membership at the time of the Study in 2022 were invited to participate and 26 countries took part.

The direct cooperation of the Member Organisations of the ACE made it possible to carry out the Study and the results obtained belong to them and to the ACE.

We are extremely grateful to the thousands of architects who participated in this survey. Most respondents completed all sections of the questionnaire. The huge number of respondents to this survey and the quality of the information provided ensures the results have statistical significance and allow us to build up a credible, historical data series about the architectural profession in Europe.

CHART A-1
COUNTRIES PARTICIPATING IN THE 2022 SURVEY



The Sector Study was aimed at 31 countries:

- Austria
- Belgium
- Bulgaria
- Croatia
- Cyprus
- Czechia
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Ireland
- Italy
- Latvia
- Lithuania
- Luxembourg
- Malta
- Norway
- Poland
- Portugal
- Romania
- Serbia
- Slovakia
- Slovenia
- Spain
- Sweden
- Switzerland
- Turkey
- United Kingdom

In this report when data refers to all of the above countries, plus Ukraine, it is labelled 'EUROPE - 32'. Totals for countries that participated in the survey are labelled 'EUROPE - 26'.

This year's Sector Study builds upon the experience of the previous Studies. The research methodology remains a statistical survey of architects throughout Europe the aim being to create national and Europe-wide statistics of the profession sourced from original primary research conducted directly amongst architects themselves. This approach is favoured due to the fact that although several countries do have their own statistical data about the profession many more do not. Further whilst much of the data held by Member Organisations is excellent at a national level when we attempt to look at the profession across Europe there are many gaps and inconsistencies. For that reason the Sector Study seeks the same information directly from architects in all ACE member countries.

As in previous years the best way of obtaining this information is with the co-operation of Member Organisations. We are immensely grateful for the help they have provided.

The research reported here is based on an on-line questionnaire survey which was conducted amongst the architect members of 26 ACE member countries. At least one Member Organisation in each of the 32 ACE member countries was invited to participate. This year the questionnaire was amended very slightly with some additional questions and some removed. The questionnaire was available to respondents in 20 different languages.

TABLE A-1
ON-LINE SURVEY RESPONSE

	total number of replies
Austria	319
Belgium	450
Croatia	620
Cyprus	66
Czechia	127
Denmark	119
Estonia	30
Finland	192
France	2 173
Germany	14 145
Greece	543
Hungary	90
Ireland	207
Italy	479
Latvia	50
Lithuania	13
Luxembourg	120
Norway	101
Poland	3 095
Portugal	4 942
Romania	394
Slovakia	443
Slovenia	277
Spain	847
Sweden	512
United Kingdom	324
2022 EUROPE-26	30 678

The survey methodology was as follows:

1. Member Organisations were asked to identify all their members for whom an email address was available. Member Organisations then allocated identification numbers to each member - the purpose being to identify who responds so they do not need to receive a 'reminder'.
2. Member Organisations constructed and sent out an email which included a link to the on-line questionnaire. Two 'reminder' emails were sent out to architects who did not respond.
3. Architects were guided to the on-line survey form which could be read and completed in any one of twenty different languages. The information they provided was submitted electronically to the research team; no-one at either the Member Organisation or the ACE saw the personal reply.
4. All data was aggregated and analysed by the research team.

In some countries architects were invited by their Member Organisation to participate by way of an email newsletter rather than a direct link. It was therefore not possible to identify and 'remind' non-participants.

Substantial work by the Member Organisations was undertaken in identifying the sample and subsequently organising the contact with their members; we are very grateful indeed for all the help and support these 26 Member Organisations have provided. A number of Member Organisations in other countries spent considerable time in attempting to participate ultimately without success; we thank them too.

Responses to the survey were received electronically. 16000 architects replied directly to the ACE questionnaire, and a further 14000 architects responded to the same questions included in the BAK survey.

The response is considered satisfactory for the level of analysis undertaken. The statistical validity of these results is accurate to within + / - 0.5 per cent at the 95 per cent confidence level.

TABLE A-2 STATISTICAL VALIDITY:
ACCURACY OF RESULTS PLUS OR MINUS XX
PER CENT AT THE 95% CONFIDENCE LEVEL

	accuracy within range of plus or minus: (%) *
Austria	5.3
Belgium	4.6
Croatia	3.5
Cyprus	11.9
Czechia	8.6
Denmark	8.9
Estonia	17.7
Finland	6.9
France	2.0
Germany	0.8
Greece	4.1
Hungary	10.3
Ireland	6.6
Italy	4.5
Latvia	13.5
Lithuania	27.1
Luxembourg	8.1
Norway	9.6
Poland	1.5
Portugal	1.2
Romania	4.8
Slovakia	4.0
Slovenia	5.3
Spain	3.3
Sweden	4.2
United Kingdom	5.4
2022 EUROPE-26	0.5

* this means we are 95 per cent confident that the results are accurate to within + or - 1 per cent overall or within + or - xx per cent for each individual country

A2 Methodological notes

1. Method for weighting the 'All' figure

The 'EUROPE-26' figure in several profiling tables in chapter 1 is weighted to reflect the total architectural population in all countries surveyed.

For each country individually we take the percentage breakdown from the on-line survey (e.g. per cent male and per cent female) and apply those proportions to the total number of architects in each country. This gives us the number of male architects and female architects in each country. These individual country male and female figures are then summed to provide the weighted total number ('All') of male architects and total number of female architects. Finally the total number of males and females is expressed as a percentage of the total number of Architects.

2. Cautionary note: employment status

It is possible there has been an under-reporting of retired architects. Experience in undertaking a regular survey of architects in the UK suggests retired architects are less likely to participate in on-line surveys. Whilst the survey was conducted amongst all members of participating institutes including retired people it is likely that retired people may not have felt the survey was relevant to them and declined to participate.

3. Description of the Model created to estimate the number of architectural practices.

(i) identify the number of economically active architects in each country – see item 2

(ii) estimate the number of economically active architects who are in private practice: source - survey results

(iii) estimate the number of architects working in each private practice size group and country: source - survey results

(iv) calculate the average number of architects per practice by size group for each country: source - survey results

(v) estimate the number of practices that each number of architects represents in each size group and country: source - survey results

e.g. if we have 300 architects working in the 3-5 size group for a given country and from survey data we know that on average 4 architects work in those practices we can estimate that there are 75 practices in this size group ie 300 architects working in practices comprising 4 architects gives us 75 practices.

(vi) adding the number of practices in each size group gives the total number of practices per country

4. Description of method used to calculate size of architectural market

(i) use the estimates of the number of practices in each size group (see note 4 above)

(ii) multiply the number of practices by the average turnover for practices in that size group - repeat separately for each size group and each country

(iii) each country's market size is calculated by adding together the values for each size group

(iv) very occasionally the data is refined with reference to previous years' data

5. Minimum cell sizes

The minimum number of responses used in each 'cell' (a segment of a statistical table) is generally 10. For the smaller countries a minimum cell size of 5 is applied and in exceptional cases this is extended to 4 where the variance is low.

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Kozina House, Trhové Sviny, Jihočeský kraj, Czech Republic
Main Prize of the Czech Architecture Award 2022
Architects: Jirf Weinzettl, Barbara Weinzettlova/Atelier 111 architekti
Photographer: Alex Shoots Buildings