



Institute
and Faculty
of Actuaries

Our members

At a glance 2013



The membership of the Institute and Faculty of Actuaries (IFoA) is constantly changing.

Every year new students sign up to study, exam entrants qualify, actuaries move country or industry sector, or retire from practice.

Our members provides insight into the trends of the profession over the last three years 2011, 2012 and 2013.





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Members

Membership by age Member numbers at the end of December 2013

Age	2013					Total
	Affiliate	Associate	Fellow	Honorary - Full	Student	
<21	-	-	-	-	573	573
21-25	3	-	30	-	4,357	4,390
26-30	58	18	1,269	-	4,509	5,854
31-35	78	50	2,473	-	2,082	4,683
36-40	80	67	1,952	-	835	2,934
41-45	92	48	1,608	2	396	2,146
46-50	98	24	1,310	2	185	1,619
51-55	54	14	756	7	85	916
56-60	63	35	493	8	41	640
61-65	40	68	542	14	17	681
66-70	17	38	350	27	8	440
71-75	8	26	203	16	2	255
76-80	3	9	153	11	3	179
81-85	2	11	109	3	2	127
86-90	2	7	56	1	1	67
91-95	-	1	24	-	1	26
96-100	-	1	11	-	-	12
>100	-	1	1	-	-	2
Unknown	1	-	-	3	-	4
TOTALS	599	418	11,340	94	13,097	25,548

Membership by gender Member numbers at the end of December 2013

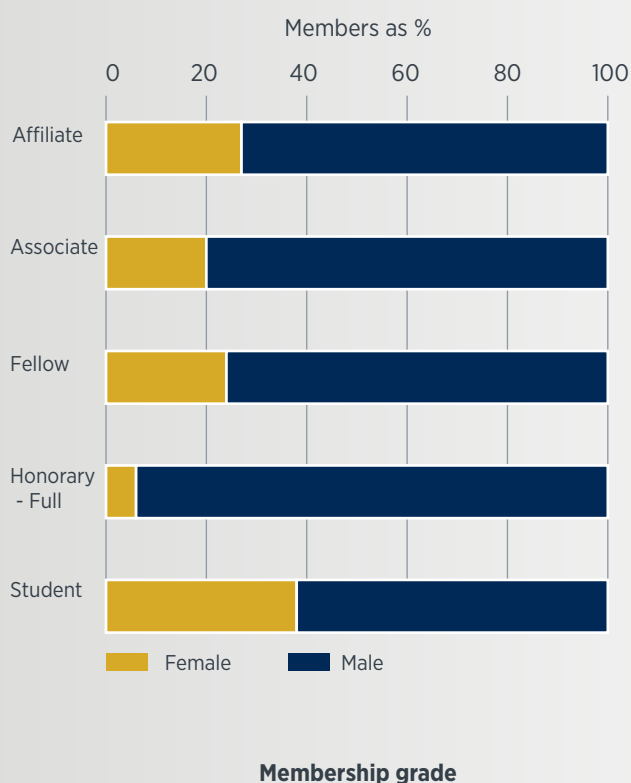
Gender	Affiliate	Associate	Fellow	Honorary - Full	Student	Total
Female	168	82	2,702	6	4,988	7,946
Male	431	336	8,638	88	8,109	17,602
TOTALS	599	418	11,340	94	13,097	25,548

Membership by location Member numbers at the end of December 2013

Location	Affiliate	Associate	Fellow	Honorary - Full	Student	Total
UK (inc Northern Ireland)	335	230	8,181	45	5,950	14,741
Rest of Europe (inc Republic of Ireland)	76	37	960	25	1,077	2,175
Rest of the World	188	151	2,199	24	6,070	8,632
TOTALS	599	418	11,340	94	13,097	25,548

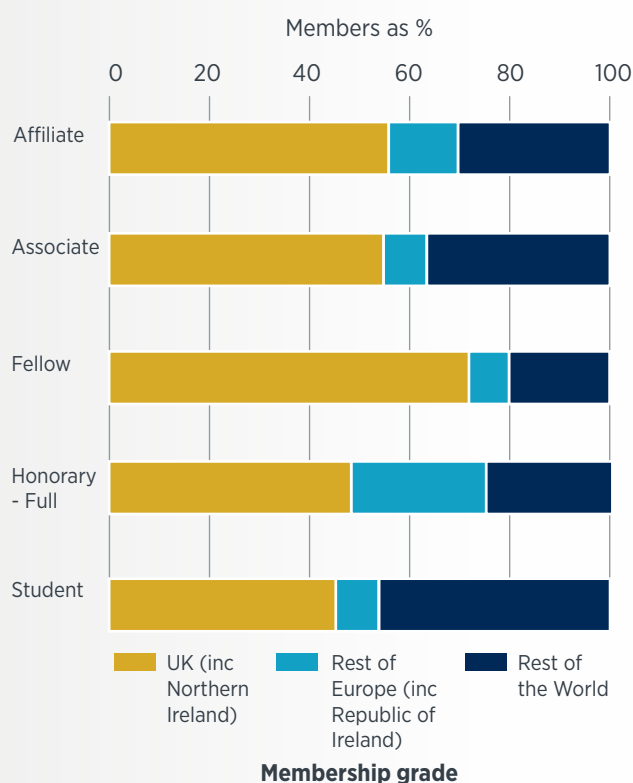
Membership by gender

Member numbers at the end of December 2013



Membership by location

Member numbers at the end of December 2013



Membership by industry sector

Member numbers at the end of December 2013

Industry sector	2013					Total
	Affiliate	Associate	Fellow	Honorary - Full	Student	
Pensions and employee benefits	102	86	2,945	8	2,230	5,371
Life insurance	159	76	3,417	6	2,934	6,592
Health and care insurance or advice	4	6	164	3	189	366
General insurance	101	40	1,404	5	2,039	3,589
Investment management	27	26	549	2	270	874
Investment banking (advisory, finance)	10	10	135	1	113	269
Education	20	6	104	29	179	338
Information technology	18	8	48	-	77	151
Enterprise risk management	4	4	111	1	62	182
Other actuarial	15	9	165	1	245	435
Other non-actuarial	37	17	244	9	277	583
Retired	22	86	1,032	11	19	1,170
Unknown	80	44	1,022	18	4,463	5,628
TOTALS	599	418	11,340	94	13,097	25,548



Membership by employer type Member numbers at the end of December 2013

Employer	2013					Total
	Affiliate	Associate	Fellow	Honorary - Full	Student	
Insurance or reinsurance company	219	94	4,022	9	5,037	9,381
Consulting firm/business advisory firm	160	122	4,070	21	3,404	7,777
Investment manager	12	20	332	-	102	466
Investment bank	5	5	145	-	96	251
Retail bank or building society	10	4	124	-	159	297
Public service	15	7	233	4	272	531
Education	22	6	133	37	182	380
Other financial company	20	11	132	2	139	304
Other company (non-financial)	28	11	163	2	189	393
Retired	25	85	1,055	11	19	1,195
Temporarily out of paid workforce	18	12	212	1	106	349
Risk management	3	2	27	-	39	71
No information provided	62	39	692	7	3,353	4,153
TOTALS	599	418	11,340	94	13,097	25,548

Students

Student membership by age

Member numbers at the end of December 2013

Age	2011	2012	2013
<21	275	400	573
21-25	3,987	4,098	4,357
26-30	4,068	4,396	4,509
31-35	1,716	1,852	2,082
36-40	623	730	835
41-45	363	390	396
46-50	145	161	185
51-55	68	76	85
56-60	49	43	41
61-65	13	20	17
66-70	5	4	8
71-75	3	2	2
76-80	2	3	3
81-85	2	3	2
86-90	-	-	1
91-95	1	1	1
Unknown	3	10	-
TOTALS	11,323	12,189	13,097

Student membership by industry sector

Member numbers at the end of December 2013

Industry Sector	2011	2012	2013
Pensions and employee benefits	1,881	2,159	2,230
Life insurance	2,653	2,857	2,934
Health and care insurance or advice	127	135	189
General insurance	1,510	1,788	2,039
Investment management	246	264	270
Investment banking (advisory, finance)	125	113	113
Education	180	154	179
Information technology	76	71	77
Enterprise risk management	-	24	62
Other actuarial	227	223	245
Other non-actuarial	240	263	277
Retired	15	17	19
Unknown	4,043	4,121	4,463
TOTALS	11,323	12,189	13,097

Membership by gender

Member numbers at the end of December 2013

62%

● Male



38%

● Female

Membership by location

Member numbers at the end of December 2013

45%

● UK (inc Northern Ireland)



8%

● Rest of Europe
(inc Republic of Ireland)

47%

● Rest of the World

Student membership by employer type Member numbers at the end of December 2013

Employer	2011	2012	2013
Insurance or reinsurance company	4,635	4,848	5,037
Consulting firm/business advisory firm	3,376	3,408	3,404
Investment manager	109	109	102
Investment bank	99	97	96
Retail bank or building society	171	166	159
Public service	263	262	272
Education	202	164	182
Other financial company	95	116	139
Other company (non-financial)	159	168	189
Retired	15	18	19
Temporarily out of paid workforce (no earned income)	91	102	106
Risk management	-	9	39
No information provided	2,108	2,722	3,353
TOTALS	11,323	12,189	13,097



University trends

Top 50 most popular universities for student admissions to the IFoA

University	2013			2012	2011
	No. Members	Ranking		Rank	Rank
The University of Warwick	60	1	↑	2	2
Heriot-Watt University	39	2	↓	1	3
The City University	33	3	↑	20	4
University College Dublin	29	4	↑	6	15
Durham University	27	5	↑	18	22
University of Oxford	27	6	↑	8	7
Queens University Belfast	26	7	↑	12	13
University of Kent	23	8	↓	3	6
University of Southampton	23	9	↓	7	5
London School of Economics & Political Science	22	10	↓	5	11
The University of Manchester	19	11	↓	9	8
The University of Nottingham	17	12	↑	22	14
University of Cambridge	17	13	↓	11	9
University of Delhi	17	14	↑	-	1
Dublin City University	16	15	↓	10	19
University of Bath	16	16	↓	14	12
University of Birmingham	16	17	↓	16	23
University of Leeds	15	18	↑	27	27
University of Mumbai	14	19	↓	13	20
University of Exeter	13	20	↑	43	44
Cass Business School City University London	12	21	↓	4	10
University of Leicester	11	22	↑	26	25
Jomo Kenyatta University of Agriculture & Technology	10	23	↓	23	24
The University of York	10	24	↑	38	32
University College London (UCL)	10	25	↓	19	17

University trends continued

University	2013			2012	2011
	No. Members	Ranking		Rank	Rank
University of St Andrews	10	26	↑	39	37
Imperial College (University Of London)	9	27	↓	15	18
University of Bristol	9	28	↓	17	16
University of Edinburgh	9	29	↑	32	21
University of Glasgow	9	30	↓	21	41
University of Lagos	9	31	↑	-	-
University of Liverpool	9	32	↑	-	36
University of Nairobi	9	33	↓	24	35
Macquarie University	8	34	↑	-	33
Bharathidasan University	7	35	↓	29	49
Loughborough University	7	36	↑	-	-
Madras University	7	37	↑	44	47
University of Calcutta	7	38	↓	33	43
University of Sussex	7	39	↑	-	-
Brunel University	6	40	↑	-	-
Delhi University	6	41	↑	-	1
Lancaster University	6	42	↑	-	-
University College Cork (National University of Ireland)	6	43	↓	31	31
University of Pretoria	6	44	↓	30	-
Nanyang Technical University	5	45	↓	34	38
Queen Mary University of London	5	46	↑	-	29
Swansea University	5	47	↑	-	-
National University of Ireland Galway	4	48	↑	-	-
The University of Sheffield	4	49	↓	25	30
The University of Strathclyde	4	50	↓	-	28

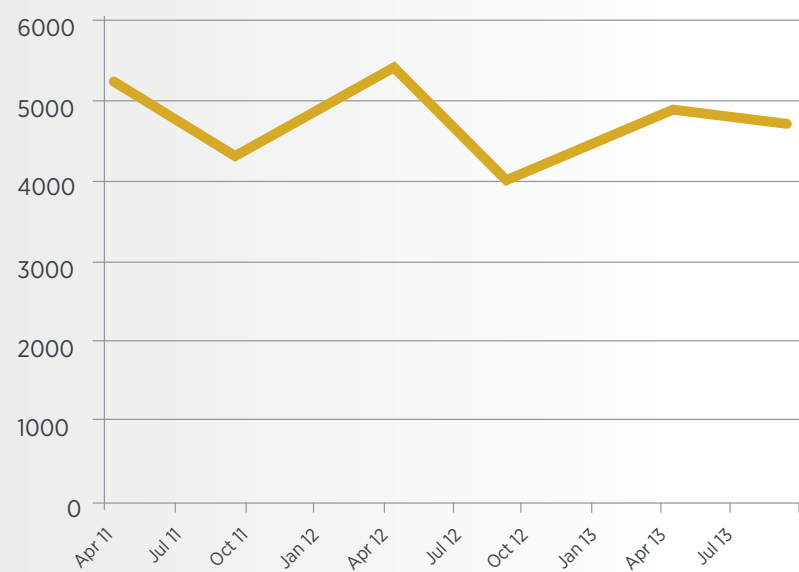


Exam passes

Exam passes

Exam Session	No. Passes
Apr 11	5,238
Sep 11	4,331
Apr 12	5,408
Sep 12	4,078
Apr 13	4,880
Sep 13	4,700

No. of students with passes



First degree trends

Member numbers at the end of December 2013

Degree Subject	2011	2012	2013	Total
Mathematics	504	515	404	1,423
Actuarial Science	243	244	234	721
Economics	42	42	53	137
Physics	29	29	21	79
Mathematics - Morse	12	12	9	33
Accounting	11	13	8	32
Statistics	10	9	10	29
Engineering	6	6	14	26
Chemistry	6	6	9	21
Engineering - Civil	6	6	9	21
Science - Other	5	5	8	18
Engineering - Electrical/Electronic	5	5	2	12
Management	3	3	6	12
Business	4	3	2	9
Finance	1	1	7	9
Engineering - Aeronautical	3	3	2	8
Science	2	2	4	8
Engineering - Chemical	2	1	4	7
Business Administration	2	2	2	6
Engineering - Mechanical	2	2	2	6
Astrophysics	1	1	2	4
Biochemistry	1	1	2	4
Computer Science	1	1	2	4
Geography	1	1	2	4
Music	2	2	-	4
Languages	-	1	2	3
Law	1	1	1	3
Philosophy	1	1	1	3
Mathematics - Further	-	-	2	2
Unknown	-	1	1	2
Agricultural	1	1	-	2
Econometrics	1	1	-	2
Optometry	1	1	-	2
Pharmacy	1	1	-	2
Sociology	1	1	-	2
Operational Research And Risk Analysis	-	-	1	1
Psychology	-	-	1	1

Associates

Associate membership by age

Member numbers at the end of December 2013

Age	2011	2012	2013
21-25	1	-	-
26-30	20	15	18
31-35	62	53	50
36-40	45	56	67
41-45	46	49	48
46-50	16	18	24
51-55	10	12	14
56-60	64	45	35
61-65	65	69	68
66-70	40	41	38
71-75	17	25	26
76-80	13	10	9
81-85	8	9	11
86-90	4	5	7
91-95	2	2	1
96-100	1	-	1
>100	-	1	1
TOTALS	414	410	418

Associate membership by industry sector

Member numbers at the end of December 2013

Industry Sector	2011	2012	2013
Pensions and employee benefits	83	82	86
Life insurance	85	78	76
Health and care insurance or advice	6	5	6
General insurance	38	41	40
Investment management	23	27	26
Investment banking (advisory, finance)	13	12	10
Education	6	6	6
Information technology	13	11	8
Enterprise risk management	-	1	4
Other actuarial	11	7	9
Other non-actuarial	25	17	17
Retired	73	83	86
Unknown	38	40	44
TOTALS	414	410	418

Associate membership by gender

Member numbers at the end of December 2013

80%

● Male



20%

● Female

Associate membership by location

Member numbers at the end of December 2013

55%

● UK (inc Northern Ireland)



9%

● Rest of Europe (inc Republic of Ireland)

36%

● Rest of the World

Associate membership by Regulatory Status

Member numbers at the end of December 2013

88%

● Fully Regulated



12%

● Partially Regulated



Associate membership by employer type Member numbers at the end of December 2013

Employer	2011	2012	2013
Insurance or reinsurance company	102	102	94
Consulting firm/business advisory firm	116	117	122
Investment manager	17	18	20
Investment bank	9	6	5
Retail bank or building society	1	3	4
Public service	5	7	7
Education	8	6	6
Other financial company	13	10	11
Other company (non-financial)	14	12	11
Retired	73	83	85
Temporarily out of paid workforce (no earned income)	13	11	12
Risk management	-	-	2
No information provided	43	35	39
TOTALS	414	410	418

Fellows

Fellow membership by age

Member numbers at the end of December 2013

Age	2011	2012	2013
21-25	32	31	30
26-30	1,270	1,262	1,269
31-35	2,346	2,417	2,473
36-40	1,679	1,801	1,952
41-45	1,612	1,598	1,608
46-50	1,053	1,210	1,310
51-55	654	683	756
56-60	557	526	493
61-65	506	539	542
66-70	312	334	350
71-75	183	192	203
76-80	159	157	153
81-85	76	86	109
86-90	51	54	56
91-95	23	29	24
96-100	10	11	11
>100	-	-	1
Unknown	-	6	-
TOTALS	10,523	10,936	11,340

Fellow membership by industry sector

Member numbers at the end of December 2013

Industry Sector	2011	2012	2013
Pensions and employee benefits	2,931	2,958	2,945
Life insurance	3,407	3,406	3,417
Health and care insurance or advice	144	158	164
General insurance	1,271	1,327	1,404
Investment management	515	518	549
Investment banking (advisory, finance)	149	145	135
Education	90	91	104
Information technology	51	45	48
Enterprise risk management	-	39	111
Other actuarial	179	168	165
Other non-actuarial	262	238	244
Retired	970	1,047	1,032
Unknown	554	796	1,022
TOTALS	10,523	10,936	11,340

Fellow membership by gender

Member numbers at the end of December 2013

76%

Male



24%

Female

Fellow membership by location

Member numbers at the end of December 2013

72%

UK (inc Northern Ireland)



19%

Rest of the World

9%

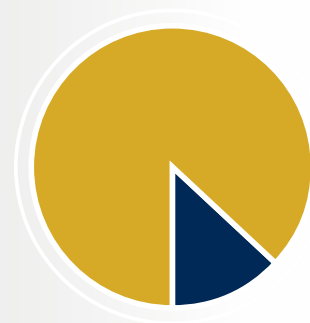
Rest of Europe
(inc Republic of Ireland)

Fellow membership by regulatory status

Member numbers at the end of December 2013

87%

Fully regulated



13%

Partially regulated

Fellow membership by employer type Member numbers at the end of December 2013

Employer	2011	2012	2013
Insurance or reinsurance company	3,703	3,866	4,022
Consulting firm/business advisory firm	3,936	4,015	4,070
Investment manager	315	323	332
Investment bank	165	155	145
Retail bank or building society	126	118	124
Public service	215	222	233
Education	121	118	133
Other financial company	139	130	132
Other company (non-financial)	160	157	163
Retired	970	1,048	1,055
Temporarily out of paid workforce (no earned income)	179	179	212
Risk management	-	5	27
No information provided	494	600	692
TOTALS	10,523	10,936	11,340

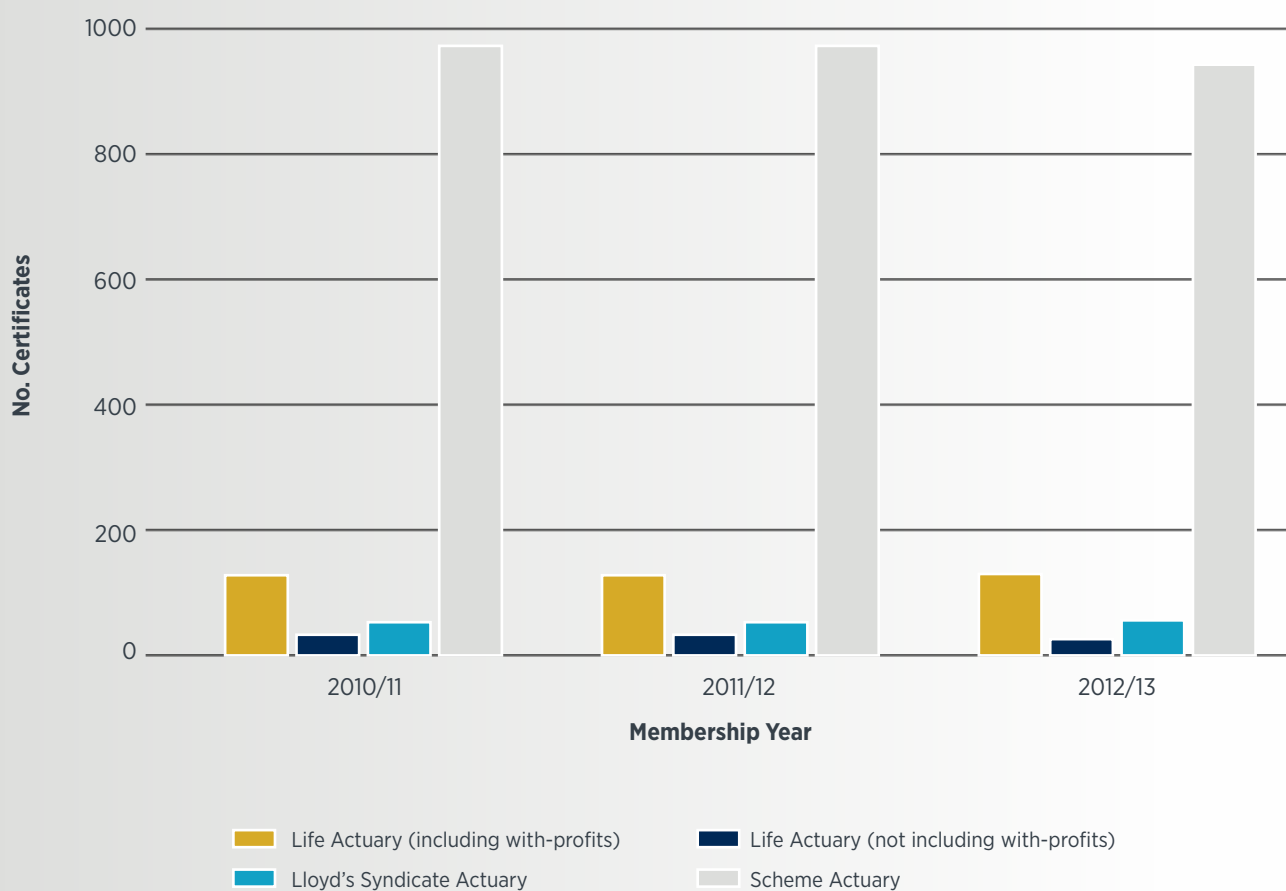


Practising Certificates

Practising Certificates

Certificate Type	2010/11	2011/12	2012/13
Life Actuary (including with-profits)	126	135	128
Life Actuary (not including with-profits)	33	28	28
Lloyd's Syndicate Actuary	51	57	58
Scheme Actuary	972	941	934
TOTALS	1,182	1,161	1,148

Practising Certificates



Qualifiers

Qualifiers by gender

Gender	2011			2012			2013		
	Apr	Sept	Total	Apr	Sept	Total	Apr	Sept	Total
Female	129	64	193	144	84	228	141	53	194
Male	227	113	340	238	103	341	255	133	388
TOTALS	356	177	533	382	187	569	396	186	582

Qualifiers by location

Location	2011			2012			2013		
	Apr	Sept	Total	Apr	Sept	Total	Apr	Sept	Total
UK*	260	143	403	290	125	415	302	116	418
Rest of Europe**	34	12	46	45	12	57	42	25	67
Rest of the World	62	22	84	47	50	97	52	45	97
TOTALS	356	177	533	382	187	569	396	186	582

*(inc Northern Ireland) ** (inc Republic of Ireland)

Qualifiers by industry sector

Gender	2011			2012			2013		
	Apr	Sept	Total	Apr	Sept	Total	Apr	Sept	Total
Education	3	-	3	-	-	-	4	2	6
Enterprise risk management	-	-	-	-	1	1	8	4	12
General insurance	59	34	93	72	29	101	66	33	99
Health and care insurance or advice	6	2	8	8	1	9	3	1	4
Investment management	14	6	20	8	7	15	10	9	19
Life insurance	103	63	166	107	60	167	99	56	155
Other actuarial	6	1	7	4	4	8	7	5	12
Other non-actuarial	4	-	4	1	2	3	-	3	3
Pensions and employee benefits	80	52	132	96	42	138	77	31	108
Investment banking (advisory, finance)	1	2	3	4	6	10	6	-	6
Information technology	1	-	1	-	-	-	-	-	-
Unknown	79	17	96	82	35	117	116	42	158
TOTALS	356	177	533	382	187	569	396	186	582





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