

Fortran SG Membership annual report 2017

I have done frequency counts on the discrete variables.

The first set are geographical.

Country

tally Country	from membership_2017	
<u>Country</u>		<u>Number of Occurrences</u>
Australia		2
Canada		1
Croatia		1
HONG KONG		2
New Zealand		1
Qatar		1
UNITED KINGDOM		142
USA		4

County

tally County	from membership_2017	
<u>County</u>		<u>Number of Occurrences</u>
Auckland		1
Bedfordshire		3
Berkshire		10
Buckinghamshire		3
California		1
Cambridgeshire		3
Cheshire		1
County Antrim		1
CT		1
Cumbria		2
Derbyshire		2
Devon		2
Dorset		1
Dyfed		1
East Lothian		1
East Sussex		1
Essex		3
Fife		1
Gloucestershire		4
Hampshire		8
Hertfordshire		2
Kent		5
Kowloon		1
Lancashire		3
Leicestershire		3
Merseyside		1
Middlesex		2
Midlothian		2
NB 68502		1
North Yorkshire		1
NY 10605		1
Oxfordshire		2
Perthshire		1
Powys		1
Renfrewshire		1
Somerset		1
South Glamorgan		1
South Yorkshire		2
Staffordshire		2
Suffolk		1
Surrey		7
Tasmania		1
Warwickshire		2

West Midlands	3
West Sussex	2
West Yorkshire	1
Worcestershire	1
blank	53

Town

tally Town	from membership_2017	
<u>Town</u>		<u>Number of Occurrences</u>
.		1
31000 OSIJEK		1
ABINGDON		1
AUCKLAND		1
BASINGSTOKE		3
BATH		1
BEXLEYHEATH		1
BIGGLESWADE		1
BIRMINGHAM		2
BRACKNELL		1
BRADFORD		1
BRENTWOOD		1
BRISTOL		2
BURGESS HILL		1
CAERSWS		1
CAMBERLEY		1
CAMBRIDGE		4
CANTERBURY		1
CANVEY ISLAND		1
CARDIFF		1
CARSHALTON		1
CHESHAM		1
CHESTER		1
CHICO		1
COLEFORD		1
COVENTRY		1
DERBY		2
DOHA		1
DONCASTER		2
DURSLEY		1
EASTBOURNE		1
EASTLEIGH		1
EDINBURGH		3
ELY		1
EXETER		2
FAREHAM		1
FOLKESTONE		1
GLASGOW		4
GLOUCESTER		2
GUILDFORD		1
HIGH WYCOMBE		2
HOBART		1
HONITON		1
HORLEY		1
HUNG HOM		1
JOHNSTONE		1
KENDAL		2
KOWLOON		1
LANCASTER		1
LARNE		1
LEAMINGTON SPA		1
LEEDS		1
LEICESTER		1
LINCOLN		1
LIVERPOOL		1

LLANELLI	1
LONDON	3
LONDON N12	1
LONDON N8	1
LONDON NW10	1
LONDON SW2	1
LOUGHBOROUGH	1
LOWESTOFT	1
LUTON	2
MARKET HARBOROUGH	1
MIDDLESEX	1
NEWBURY	2
NEWTON-LE-WILLOWS	1
NORTHAMPTON	1
NOTTINGHAM	1
OKEHAMPTON	1
OLDHAM	1
OXFORD	2
PERTH	1
PETERBOROUGH	1
PIMLICO, LONDON	1
POOLE	1
PRESTON	1
PRESTONPANS	1
RADLETT	1
READING	9
REDDITCH	1
ROMSEY	1
RUSTINGTON	1
SALISBURY	3
SCUNTHORPE	1
SELBY	1
SEVENOAKS	2
SHEFFIELD	1
SLOUGH	1
SOLIHULL	1
SOUTH RUISLIP	1
SOUTHAMPTON	2
ST. ANDREWS	1
ST. IVES	1
STAFFORD	2
STAINES	1
STOCKPORT	1
STROUD	1
SUTTON	2
SWINDON	2
TADLEY	1
TWICKENHAM	1
VICTORIA	1
VIRGINIA WATER	1
WALLINGFORD	2
WALTHAM ABBEY	1
WARWICK	1
WATFORD	1
WESTON-SUPER-MARE	1
WHITE PLAINS	1
WINDSOR	2
WOKING	1
YORK	1

The second set are by personal details.

Title	
tally Title	from membership_2017
<u>Title</u>	<u>Number of Occurrences</u>
Admiral	1
Dr	43
Eur Ing	2
Eur Ing Professor	1
Miss	1
Mr	94
Mrs	4
Ms	3
Professor	5

Gender	
tally Sex	from membership_2017
<u>Sex</u>	<u>Number of Occurrences</u>
F	12
M	133
U	9

The next set are by job title and employer.

Job title	
tally Job_title	from membership_2017
<u>Job_title</u>	<u>Number of Occurrences</u>
Air Quality Scientific Software Engineer	1
Applied Computer Scientist	1
Associate	1
Chief Executive Officer	1
CIO	1
Computational Scientist	1
Computer Consultant	1
Computer Scientist	2
Consultant	4
Consultant/Director	1
Deployment Tools Team Lead	1
Director	3
Director and President	1
Director of Centre for Cyberforensics	1
Director of Customer Service	1
Engineer	2
Finance Manager	1
FIsheries Biologist	1
Fortran trainer & consultant	1
Freelance	1
Head of Scientific Computing	1
Head of Statistics & Modelling	1
Head of Technology Management: KAI Analy	1
HPC Computer Officer	1
HPC Consultant	1
HPC Strategy and Procurement Manager	1
HPC Technical Consultant	1
HR & HCM SaaS Solutions	1
IBM Software Technical Strategist	1
IME Manager	1
Indepentant IT Senior Management Consult	1
IT Consultant	1
IT Manager	1
IT Support & Helpdesk Administrator	1
Manager - Ocean/Coupling Systems	1
Managing Director	1
Maths/ IT Lecturer	1

Member Groups Executive	1
none, retired	1
Performance Engineer	1
Principal Assurance Engineer	1
Principal Business Architect	1
Principal Scientist	1
Principal Software Engineer	2
Production Engineer / CNC Programmer	1
Professor	3
Professor and Head	1
Programme Manager	1
Programmer/Analyst	1
Project Manager	2
Research Fellow	1
Self-employed	1
Senior Consultant	1
Senior Engineer	1
Senior Lecturer	2
Senior Manager	1
Senior Software Engineer	2
Senior Systems Engineer	1
Senior Technical Programmer	1
Software Engineer	1
Software Tester	1
Sr. Research Engineer	1
Staff Avionics Engineer	1
Support Consultant	1
System Developer	1
Technical Lead Electronic Detection	1
Technology Consultant IV	1
Threat Reduction Physicist	1
Tools Consultant	1
University Fellow	1
Writer and coach	1
blank	70

Company name

tally company_name	from membership_2017	
<u>company_name</u>		<u>Number of Occurrences</u>
Arup		1
AWE		9
BCS		2
Best Union (Enta Ticketing Solutions Ltd		1
Bluebay Estate Agents Ltd		1
Bone-IT Limited		1
British Telecom		1
C S C		1
Canterbury Christ Church University		1
Caterpillar N.I. Ltd		1
CEFAS		1
Chartridge Scientific Computing		1
Churchill Hospital		2
Click Consult		1
Costello & Associates		1
Cray UK Ltd		1
D S T L Electronics Department		1
Det Norske Veritas		1
e-Go Aeroplanes		1
Excelian		1
Fortranplus		1
Fujitsu Laboratories of Europe Ltd		1
Fujitsu Ltd.		1
Glyndwr University		1
Hawker Consultants Ltd		1

Hewlett-Packard Company	1
HMRC	1
IBM United Kingdom Ltd	2
iConsult Globally Limited	1
Independent	1
Independent consultant	1
Information Risk Management Plc	1
Integrated Environmental Solutions Limit	1
JKR Associates	1
K.C. Computer Services	1
L-3 Communications Link Simulation & Tra	1
Lloyd's Register	1
M W Kellog Ltd	1
MAN Investments Ltd	1
Marconi Marine (VSEL) Ltd	1
Martin Jones	1
MDC	1
Medicines Discovery Catapult	1
Met Office	2
Michael Saunby	1
Ministry of Defence	1
MOD	1
MTEM Ltd	1
N T T X Ltd	1
National Grid Co Plc	1
Network Rail	1
none	1
O E D, A B S Europe Ltd	1
Optimum Semiconductor Technologies	1
Peebee Publishing Ltd.	1
Pilkington Technology & Management Ltd	1
PZ & W Ltd	1
Qinetiq	1
RC3 Ltd	1
Red Prairie Online Ltd	1
Revolution IT	1
Rhymney Consulting	1
Rolls-Royce Plc	1
S A P UK Ltd	1
School of Oriental & African Studies	1
Self Employed	1
Self-employed	1
Software AG	1
Sports Direct	1
T I S Software Ltd	1
Tata Steel	1
The Hong Kong And China Gas Co Ltd	1
The University of Hong Kong	1
University College London (UCL)	1
University of Bedfordshire	1
University of Birmingham	1
University Of Greenwich	1
University of Leeds	2
University of Leicester	1
University of Qatar	1
University of Reading	1
University of Tasmania	1
University of Warwick	1
Visteon European Corporate Office	1
blank	57

The next set are by membership and qualifications.

Engineering Council

tally engineering_council from membership_2017

<u>engineering_council</u>	<u>Number of Occurrences</u>
Chartered Eng	43
blank	111

Membership grade

tally bcs_member_grade from membership_2017

<u>bcs_member_grade</u>	<u>Number of Occurrences</u>
AFFILIATE	3
ASSOCIATE	7
CHARTERED MEMBER	55
FELLOW	20
MEMBER	63
NEW CHARTERED FELLOW	1
STUDENT	1
blank	4

Cross tabulation

crosstab sex by bcs_member_grade from membership_2017

<u>bcs_member_grade</u>	<u>F</u>	<u>M</u>	<u>U</u>	<u>(Total)</u>
AFFILIATE	0	3	0	3
ASSOCIATE	2	4	1	7
CHARTERED MEMBER	4	51	0	55
FELLOW	1	19	0	20
MEMBER	4	51	8	63
NEW CHARTERED FELLOW	0	1	0	1
STUDENT	0	1	0	1
blank	1	3	0	4
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	12	133	9	154

The final set of figures are to do with membership churn or change.

Deleted members - 35

Person No Date of Birth

202856 27/04/1944
 380090 28/04/1952
 380625 08/06/1955
 443177 01/09/1952
 8018305 27/03/1954
 8148141 28/09/1950
 8507748 21/11/1944
 8587178 05/12/1954
 8622013 09/09/1972
 9112250 18/07/1959
 9159764 06/11/1955
 9347237 28/01/1964
 9406294 27/12/1947
 10008908 21/05/1967
 10059432 22/06/1959
 10061268 22/08/1957
 990017112 10/01/1961
 990031286 15/07/1966
 990061338 20/04/1976
 990100305 06/07/1977
 990115773 29/10/1948
 990163196 01/08/1953
 990170225 10/08/1965
 990174149 27/06/1968

990239949 05/03/1980
990247892 01/11/1963
990279567 03/03/1972
990284390 20/03/1964
990345053 23/05/1962
990359894 11/06/1990
990410634 21/10/1986
990429040 05/06/1976
990485052 20/04/1963
990503945 02/01/1969
990573918 08/07/1979

8 of these are still BCS members, the rest have left.

New members - 14

<u>Person No</u>	<u>Date of Birth</u>
8016454	12/03/1934
8546095	21/01/1964
990050003	10/10/1969
990065301	11/09/1979
990086228	15/09/1956
990372706	30/04/1973
990401989	25/06/1987
990410204	04/03/1955
990553681	21/04/1968
990636814	24/06/1949
990641714	04/07/1996
990644323	24/10/1974
990659064	23/05/1984
990660425	17/03/1982

3 of these have joined the BCS since last year.

Finally we have the **age profile of the group.**

-- 0-09	date_of_birth	Count =	0
-- 10-19	date_of_birth	Count =	0
-- 20-29	date_of_birth	Count =	2
-- 30-39	date_of_birth	Count =	10
-- 40-49	date_of_birth	Count =	25
-- 50-59	date_of_birth	Count =	34
-- 60-69	date_of_birth	Count =	48
-- 70-79	date_of_birth	Count =	26
-- 80-89	date_of_birth	Count =	4
-- 90-99	date_of_birth	Count =	1
-- 100-109	date_of_birth	Count =	0

Maps of membership details for the UK are available as a [5.1 MB PDF file](#).