



Graduate Aptitude Test in Engineering
अभियांत्रिकी स्नातक अभिक्षमता परीक्षा

GATE 2023

PERFORMANCE REPORT

ORGANIZING INSTITUTE

IIT KANPUR

In association with zonal Institutes



IISc Bangalore



IIT Bombay



IIT Delhi



IIT Guwahati



IIT Kanpur



IIT Kharagpur



IIT Madras



IIT Roorkee

Abbreviations

Abbreviation	Description
Registered	Number of candidates registered (who were provided with Admit Card)
Appeared	Number of candidates appeared in the examination
Qualified	Number of candidates qualified
Appeared (%)	$(\text{Appeared} / \text{Registered}) \times 100$
Qualified (%)	$(\text{Qualified} / \text{Appeared}) \times 100$
GEN	General Category
OBC	Other Backward Classes (both Creamy and Non-Creamy Layer) Category
OBC-NCL	Other Backward Classes (Non-Creamy Layer) Category
SC	Scheduled Caste Category
ST	Scheduled Tribe Category
PwD	Person with Disability Category

Disclaimer:

Kindly note the following while reading the data related to GATE 2023 provided by the candidates. The statistics presented in the report are based on the information given by the candidates in the application form. GATE Committee does not have an independent way of verifying the correctness of the data by the candidates.

GATE Papers and Corresponding Codes

GATE Paper	Code	GATE Paper	Code
Aerospace Engineering	AE	Instrumentation Engineering	IN
Agricultural Engineering	AG	Mathematics	MA
Architecture and Planning	AR	Mechanical Engineering	ME
Biomedical Engineering	BM	Mining Engineering	MN
Biotechnology	BT	Metallurgical Engineering	MT
Civil Engineering ^{\$}	CE	Naval Architecture and Marine Engineering	NM
Chemical Engineering	CH	Petroleum Engineering	PE
Computer Science and Information Technology	CS	Physics	PH
Chemistry	CY	Production and Industrial Engineering	PI
Electronics and Communication Engineering	EC	Statistics	ST
Electrical Engineering	EE	Textile Engineering and Fibre Science	TF
Environmental Science & Engineering	ES	Engineering Sciences	XE*
Ecology and Evolution	EY	Humanities & Social Sciences	XH**
Geomatics Engineering	GE	Life Sciences	XL***
Geology and Geophysics	GG		

*XE Paper Sections	Code	**XH Paper Sections	Code	***XL Paper Sections	Code
Engineering Mathematics (Compulsory) (15 marks)	A	Reasoning and Comprehension (Compulsory) (25 marks)	B1	Chemistry (Compulsory) (25 marks)	P
Any TWO optional Sections (2x35 = 70 marks)		Any ONE optional Section (60 marks)		Any TWO optional Sections (2x30 = 60 marks)	
Fluid Mechanics	B	Economics	C1	Biochemistry	Q
Materials Science	C	English	C2	Botany	R
Solid Mechanics	D	Linguistics	C3	Microbiology	S
Thermodynamics	E	Philosophy	C4	Zoology	T
Polymer Science and Engineering	F	Psychology	C5	Food Technology	U
Food Technology	G	Sociology	C6		
Atmospheric and Oceanic Sciences	H				

\$ Examination was conducted in Two Sessions. However, each candidate was allowed to appear in only ONE specified Session.

Geology and Geophysics (GG) Humanities and Social Sciences (XH)	Separate score and ranking provided based on selection of the optional section
Architecture and Planning (AR) Geomatics Engineering (GE) Engineering Sciences (XE) Life Sciences (XL)	No separate score and ranking provided based on selection of the optional section(s)

Paperwise and Categorywise qualifying marks and qualifying GATE scores

Paper Code	Registered	Appeared	Qualified	Standard Deviation (σ)	Average Marks (Mean μ)	Mean Marks for top 0.1% or top 10 (Mt)	Qualifying Marks			Qualifying Scores		
							GEN	OBC/EWS	SC/ST/PwD	GEN	OBC/EWS	SC/ST/PwD
AE	5998	4585	818	11.63	13.52	66.366000	25.1	22.5	16.7	350	315	238
AG	2722	2337	207	8.07	10.79	44.000000	25	22.5	16.6	350	278	107
AR	11842	9242	1965	11.60	22.14	66.534000	33.7	30.3	22.4	350	293	161
BM	1809	1444	140	8.65	11.35	48.034000	25	22.5	16.6	350	290	149
BT	17830	14097	2999	11.47	20.15	66.755333	31.6	28.4	21	350	300	184
CE	105064	83187	15785	11.74	14.92	72.810369	26.6	23.9	17.7	350	318	244
CH	16491	13607	2732	14.11	18.04	78.928571	32.1	28.8	21.4	350	311	224
CS	99555	75679	14797	12.51	20.03	81.320526	32.5	29.2	21.6	350	313	227
CY	33275	24710	4895	10.86	15.67	66.133200	26.5	23.8	17.6	350	313	226
EC	70361	45833	8817	12.60	17.36	74.086087	29.9	26.9	19.9	350	313	226
EE	58342	55292	6213	9.09	10.90	57.238571	25	22.5	16.6	350	307	207
ES	8392	6051	1313	11.21	16.55	61.133000	27.7	24.9	18.4	350	304	197
EY	2831	2086	449	14.28	28.34	76.266000	42.6	38.3	28.4	350	280	118

GE	3058	2259	516	11.28	17.46	57.599000	28.7	25.8	19.1	350	295	167
GG-G1	6574	5256	1195	14.13	22.58	77.500000	36.7	33	24.4	350	300	184
GG-G2	957	743	218	17.26	30.51	67.999000	47.7	42.9	31.8	350	220	-81
IN	11741	8746	1982	13.38	21.52	73.565000	34.8	31.3	23.2	350	300	185
MA	16753	12463	2480	7.82	16.18	48.590000	25	22.5	16.6	350	292	154
ME	82233	63489	11401	12.47	16.02	76.697500	28.4	25.5	18.9	350	317	242
MN	7401	6032	1036	10.24	12.25	58.833000	25	22.5	16.6	350	309	213
MT	3267	2586	637	17.74	29.80	81.198000	47.5	42.7	31.6	350	272	90
NM	490	335	65	10.16	14.47	44.000000	25	22.5	16.6	350	278	107
PE	2271	1796	363	14.99	19.42	70.535000	34.4	30.9	22.9	350	297	175
PH	24739	18517	3975	9.70	21.44	65.718947	31.1	27.9	20.7	350	299	185
PI	4591	3355	742	17.74	26.51	84.533000	44.2	39.7	29.4	350	289	148
ST	2561	1429	224	8.90	15.33	53.635000	25	22.5	16.6	350	302	189
TF	2054	1688	323	11.52	13.88	57.566000	25.4	22.8	16.9	350	306	205
XE	15468	11258	2274	15.55	22.39	79.694167	37.9	34.1	25.2	350	300	183
XH-C1	2756	1931	409	16.07	31.26	78.334000	47.3	42.5	31.5	350	253	27
XH-C2	5679	3981	971	15.46	36.94	77.133000	52.4	47.1	34.9	350	212	-107
XH-C3	345	261	57	14.48	31.96	65.067000	46.4	41.7	30.9	350	265	70

XH-C4	467	352	87	13.19	24.91	59.601000	38	34.2	25.3	350	221	-81
XH-C5	3664	2684	636	17.05	37.93	78.967000	54.9	49.4	36.6	350	232	-39
XH-C6	1284	813	200	16.34	33.66	71.333000	50	45	33.3	350	224	-68
XL	37391	29605	7007	10.13	22.84	63.211333	32.9	29.6	21.9	350	290	150

Paperwise Categorywise Registered, Appeared and Qualified candidates

Paper Code	GEN			GEN-EWS			OBC-NCL			SC			ST		
	Registered	Appeared	Qualified	Registered	Appeared	Qualified	Registered	Appeared	Qualified	Registered	Appeared	Qualified	Registered	Appeared	Qualified
AE	2288	1666	333	301	241	54	2301	1854	300	899	668	111	209	156	20
AG	680	571	46	260	232	29	1038	911	80	446	373	39	298	250	13
AR	5794	4425	896	453	377	91	4115	3303	606	1143	882	283	337	255	89
BM	740	581	53	88	81	12	732	602	51	193	144	23	56	36	1
BT	9110	6974	1510	1102	920	214	5262	4368	783	1881	1466	399	475	369	93
CE	29213	22229	4112	7434	6084	1534	40591	33234	5977	18533	14358	2801	9293	7282	1361
CH	5593	4491	881	1610	1412	351	6191	5242	961	2320	1836	435	777	626	104
CS	42944	31026	6063	8574	7217	1716	31587	25034	4116	12865	9677	2316	3585	2725	586
CY	13683	9790	1920	3223	2513	631	11433	8816	1534	3616	2656	651	1320	935	159
EC	21619	16286	3232	4727	4015	898	21061	17098	3003	8443	6518	1338	2492	1916	346
EE	19923	14888	1686	4776	3986	585	27262	22144	2356	13199	10221	1154	5201	4053	432
ES	2803	1919	390	572	447	120	2871	2218	461	1509	1059	259	637	408	83
EY	1411	1032	226	175	137	15	772	580	119	325	240	71	148	97	18
GE	1288	914	212	170	126	31	952	747	164	495	364	87	153	108	22
GG-1	2361	1821	364	580	493	162	2170	1794	405	899	708	196	564	440	68
GG-2	247	182	44	128	108	38	361	294	87	140	96	36	81	63	13
IN	4221	3042	645	976	786	237	4310	3355	759	1682	1169	266	552	394	75
MA	6711	4761	806	1924	1519	383	5693	4428	803	1868	1372	408	557	383	80
ME	26865	20088	3543	6074	4953	1140	30901	24750	4275	13753	10239	1892	4640	3459	551
MN	1633	1286	214	506	422	112	3237	2680	433	1296	1049	187	729	595	90
MT	967	719	165	210	182	59	1229	1014	257	566	437	112	295	234	44

NM	152	105	20	28	19	5	190	128	28	92	62	9	28	21	3
PE	815	625	107	222	183	58	786	637	117	339	266	66	109	85	15
PH	10940	7962	1582	2339	1849	455	8300	6418	1198	2363	1701	600	797	587	140
PI	1533	1086	237	356	288	70	1515	1168	288	875	599	124	312	214	23
ST	1191	623	87	271	169	31	712	429	63	293	155	36	94	53	7
TF	702	560	97	183	157	41	813	685	130	311	255	53	45	31	2
XE	5729	4013	833	1495	1161	279	5555	4269	847	2130	1454	261	559	361	54
XH-C1	1448	987	242	274	225	45	660	471	70	270	183	41	104	65	11
XH-C2	2936	2043	468	431	325	92	1448	1051	214	640	422	160	224	140	37
XH-C3	195	142	32	27	24	5	72	56	6	35	25	8	16	14	6
XH-C4	221	161	46	57	45	5	100	81	16	72	53	15	17	12	5
XH-C5	2010	1471	346	266	207	45	984	728	157	309	211	69	95	67	19
XH-C6	550	323	73	130	89	20	353	239	58	178	113	40	73	49	9
XL	17544	13424	2992	3115	2658	644	11409	9397	1920	4075	3185	1178	1248	941	273

Paperwise Minimum and Maximum of Marks and Score:

Paper Code	Paper Name	Max Raw Marks	Min Raw Marks	Max Score	Min Score
AE	Aerospace Engineering	73	-11	988	-131
AG	Agricultural Engineering	49	-9.67	1000	-654
AR	Architectural Engineering	75.67	-8.33	1000	-354
BM	Biomedical Engineering	60	-10.67	1000	-502
BT	Biotechnology Engineering	79.67	-9.33	1000	-290
CE	Civil Engineering	85.33	-10.67	1000	-122
CH	Chemical Engineering	92.67	-10.67	1000	-152
CS	Computer Science & Information Technology	93.67	-13.33	1000	-166
CY	Chemistry	72	-11.67	981	-180
EC	Electronics and Communication Engineering	90	-14	1000	-196

EE	Electrical Engineering	66	-10.67	1000	-259
ES	Environmental Science & Engineering	64.33	-8.33	953	-243
EY	Ecology and Evolution	84.33	-7.33	1000	-466
GE	Geomatics Engineering	66	-8.67	1000	-361
GG-G1	Geology and Geophysics - Geology	85.67	-7.67	1000	-248
GG-G2	Geology and Geophysics - Geophysics	74	-3	1000	-1024
IN	Instrumentation Engineering	78.33	-6.67	968	-238
MA	Mathematics	50.33	-6	941	-373
ME	Mechanical Engineering	90.67	-11.33	1000	-102
MN	Mining Engineering	63.33	-10.67	973	-230
MT	Metallurgical Engineering	85.67	-8	973	-556
NM	Naval Architecture and Marine Engineering	60	-10.67	1000	-683
PE	Petroleum Engineering	74.67	-7	963	-280
PH	Physics	75	-9.33	1000	-292
PI	Production and Industrial Engineering	87.33	-6.67	938	-344
ST	Statistics	73.67	-11	1000	-341
TF	Textile Engineering and Fibre Science	66	-9	1000	-238
XE	Engineering Sciences	83.67	-8	952	-254
XH-C1	Humanities & Social Sciences – Economics	83.33	-4.67	989	-571
XH-C2	Humanities & Social Sciences – English	84.33	-5	1000	-926
XH-C3	Humanities & Social Sciences – Linguistics	74.67	2.67	1000	-938
XH-C4	Humanities & Social Sciences – Philosophy	72.67	-3.33	1000	-702
XH-C5	Humanities & Social Sciences – Psychology	84	-9	1000	-1110
XH-C6	Humanities & Social Sciences - Sociology	73	-5.33	943	-1076
XL	Life Sciences	73.33	-8.33	1000	-398

Paperwise Range of Marks (Out of 100) of Appeared Candidates:

Paper Code	≤ 0	0<M≤10	10<M≤20	20<M≤30	30<M≤40	40<M≤50	50<M≤60	60<M≤70	70<M≤80	80<M≤90	90<M≤100	Total
AE	290	1824	1455	605	242	111	48	8	2	0	0	4585
AG	142	1058	861	222	42	12	0	0	0	0	0	2337
AR	90	1255	3015	2760	1438	525	134	24	1	0	0	9242
BM	99	603	549	152	28	10	3	0	0	0	0	1444
BT	297	2630	4543	3981	1950	544	128	22	2	0	0	14097
CE	2693	30104	29942	11907	4806	2229	1063	369	69	5	0	83187
CH	775	3763	4037	2598	1328	665	306	115	16	3	1	13607
CS	1356	14797	27091	18895	8315	3184	1353	495	150	40	3	75679
CY	879	7656	9005	4714	1722	529	167	35	3	0	0	24710
EC	1360	13270	16199	8318	3705	1905	833	204	37	2	0	45833
EE	3595	26932	17179	5283	1682	512	97	12	0	0	0	55292
ES	180	1773	2181	1193	492	175	51	6	0	0	0	6051
EY	8	165	470	596	437	246	103	46	13	2	0	2086
GE	73	560	797	520	227	65	14	3	0	0	0	2259
GG-G1	76	971	1600	1182	761	432	178	43	10	3	0	5256
GG-G2	10	93	132	129	149	116	88	23	3	0	0	743
IN	100	1760	2805	1993	1132	664	235	47	10	0	0	8746
MA	67	2797	6134	2833	557	74	1	0	0	0	0	12463
ME	2062	21068	23281	9416	3913	2178	1119	375	65	11	1	63489
MN	424	2575	1827	825	282	78	16	5	0	0	0	6032
MT	42	292	545	560	443	334	207	115	43	5		2586
NM	20	92	138	62	18	2	3	0	0	0	0	335
PE	43	514	572	285	188	94	67	27	6	0	0	1796
PH	63	1892	7056	6402	2331	613	135	23	2	0	0	18517
PI	54	537	846	744	476	319	187	108	69	15	0	3355

ST	30	368	690	255	70	10	5	0	1	0	0	1429
TF	120	616	554	240	103	42	11	2	0	0	0	1688
XE	172	2352	3621	2225	1259	814	518	234	60	3	0	11258
XH-C1	17	155	339	465	404	289	163	79	17	3	0	1931
XH-C2	25	165	425	684	962	895	575	218	30	2	0	3981
XH-C3	0	14	40	76	60	41	20	9	1	0	0	261
XH-C4	6	34	94	99	75	33	7	3	1	0	0	352
XH-C5	24	135	292	446	524	568	426	218	48	3	0	2684
XH-C6	11	59	111	152	184	176	79	32	9	0	0	813
XL	65	2777	9799	10223	5122	1382	212	23	2	0	0	29605

Paperwise Range of Marks (Out of 100) of Qualified Candidates:

Paper Code	11 - 20	21 - 30	31 - 40	41 - 50	51 - 60	61- 70	71 - 80	81 - 90	91 - 100	Total
AE	46	361	242	111	48	8	2	0	0	818
AG	31	122	42	12	0	0	0	0	0	207
AR	0	214	1067	525	134	24	1	0	0	1965
BM	13	86	28	10	3	0	0	0	0	140
BT	0	575	1728	544	128	22	2	0	0	2999
CE	1036	6208	4806	2229	1063	369	69	5	0	15785
CH	0	437	1189	665	306	115	16	3	1	2732
CS	0	2606	6966	3184	1353	495	150	40	3	14797
CY	261	2178	1722	529	167	35	3	0	0	4895
EC	78	2053	3705	1905	833	204	37	2	0	8817
EE	743	3167	1682	512	97	12	0	0	0	6213
ES	59	530	492	175	51	6	0	0	0	1313
EY	0	13	70	202	103	46	13	2	0	449
GE	17	190	227	65	14	3	0	0	0	516
GG-G1	0	104	425	432	178	43	10	3	0	1195
GG-G2	0	0	26	78	88	23	3	0	0	218
IN	0	198	828	664	235	47	10	0	0	1982
MA	241	1607	557	74	1	0	0	0	0	2480
ME	374	3365	3913	2178	1119	375	65	11	1	11401
MN	110	545	282	78	16	5	0	0	0	1036
MT	0	0	79	188	207	115	43	5	0	637
NM	6	36	18	2	3	0	0	0	0	65
PE	0	27	142	94	67	27	6	0	0	363
PH	0	1049	2153	613	135	23	2	0	0	3975
PI	0	10	84	269	187	108	69	15	0	742

ST	22	116	70	10	5	0	1	0	0	224
TF	26	139	103	42	11	2	0	0	0	323
XE	0	114	531	814	518	234	60	3	0	2274
XH-C1	0	0	32	115	163	79	17	3	0	409
XH-C2	0	0	75	180	466	218	30	2	0	971
XH-C3	0	0	8	19	20	9	1	0	0	57
XH-C4	0	8	35	33	7	3	1	0	0	87
XH-C5	0	0	24	63	280	218	48	3	0	636
XH-C6	0	0	20	60	79	32	9	0	0	200
XL	0	1240	4148	1382	212	23	2	0	0	7007

Paperwise Categorywise Range of Marks (out of 100) of Qualified Candidates

Paper Code	Category	11-20	21-30	31-40	41-50	51-60	61-70	70-80	80-90	90-100	Total
AE	GEN	1	121	117	62	26	4	2	0	0	333
	GEN-EWS	0	26	19	5	4	0	0	0	0	54
	OBC-NCL	0	149	95	36	17	3	0	0	0	300
	SC	39	52	11	7	1	1	0	0	0	111
	ST	6	13	0	1	0	0	0	0	0	20
	Total	46	361	242	111	48	8	2	0	0	818
AG	GEN	0	27	12	7	0	0	0	0	0	46
	GEN-EWS	0	22	6	1	0	0	0	0	0	29
	OBC-NCL	0	55	21	4	0	0	0	0	0	80
	SC	23	13	3	0	0	0	0	0	0	39
	ST	8	5	0	0	0	0	0	0	0	13
	Total	31	122	42	12	0	0	0	0	0	207
AR	GEN	0	2	454	339	84	16	1	0	0	896
	GEN-EWS	0	0	61	21	7	2	0	0	0	91
	OBC-NCL	0	4	425	131	40	6	0	0	0	606
	SC	0	155	98	27	3	0	0	0	0	283
	ST	0	53	29	7	0	0	0	0	0	89
	Total	0	214	1067	525	134	24	1	0	0	1965
BM	GEN	0	32	14	5	2	0	0	0	0	53
	GEN-EWS	0	9	2	1	0	0	0	0	0	12
	OBC-NCL	0	37	9	4	1	0	0	0	0	51
	SC	12	8	3	0	0	0	0	0	0	23
	ST	1	0	0	0	0	0	0	0	0	1

	Total	13	86	28	10	3	0	0	0	0	140
BT	GEN	0	8	995	384	103	19	1	0	0	1510
	GEN-EWS	0	37	136	32	7	2	1	0	0	215
	OBC-NCL	0	152	504	111	14	1	0	0	0	782
	SC	0	303	78	16	2	0	0	0	0	399
	ST	0	75	15	1	2	0	0	0	0	93
	Total	0	575	1728	544	128	22	2	0	0	2999
CE	GEN	11	967	1643	848	422	183	34	4	0	4112
	GEN-EWS	2	593	485	277	124	44	8	1	0	1534
	OBC-NCL	12	2564	2001	845	410	120	25	0	0	5977
	SC	665	1399	476	180	66	14	1	0	0	2801
	ST	346	685	201	79	41	8	1	0	0	1361
	Total	1036	6208	4806	2229	1063	369	69	5	0	15785
CH	GEN	0	5	401	285	125	54	9	2	0	881
	GEN-EWS	0	36	167	87	40	19	2	0	0	351
	OBC-NCL	0	98	477	220	121	38	5	1	1	961
	SC	0	238	112	63	18	4	0	0	0	435
	ST	0	60	32	10	2	0	0	0	0	104
	Total	0	437	1189	665	306	115	16	3	1	2732
CS	GEN	0	40	2951	1837	800	309	95	28	3	6063
	GEN-EWS	0	166	951	349	163	60	19	8	0	1716
	OBC-NCL	0	451	2371	810	328	120	34	2	0	4116
	SC	0	1530	576	149	54	4	1	2	0	2316
	ST	0	419	117	39	8	2	1	0	0	586
	Total	0	2606	6966	3184	1353	495	150	40	3	14797

CY	GEN	4	625	888	279	99	23	2	0	0	1920
	GEN-EWS	0	312	225	73	18	3	0	0	0	631
	OBC-NCL	4	819	512	150	40	8	1	0	0	1534
	SC	197	334	91	20	8	1	0	0	0	651
	ST	56	88	6	7	2	0	0	0	0	159
	Total	261	2178	1722	529	167	35	3	3	0	0
EC	GEN	0	99	1678	883	424	123	23	2	0	3232
	GEN-EWS	0	195	365	216	90	27	5	0	0	898
	OBC-NCL	0	683	1304	680	280	48	8	0	0	3003
	SC	58	865	277	99	34	4	1	0	0	1338
	ST	20	211	81	27	5	2	0	0	0	346
	Total	78	2053	3705	1905	833	204	37	2	2	0
EE	GEN	7	758	629	236	50	6	0	0	0	1686
	GEN-EWS	1	322	189	61	12	0	0	0	0	585
	OBC-NCL	10	1415	718	180	28	5	0	0	0	2356
	SC	543	488	99	21	2	1	0	0	0	1154
	ST	182	184	47	14	5	0	0	0	0	432
	Total	743	3167	1682	512	97	12	0	0	0	0
ES	GEN	0	80	191	84	31	4	0	0	0	390
	GEN-EWS	1	48	40	24	6	1	0	0	0	120
	OBC-NCL	1	201	196	53	9	1	0	0	0	461
	SC	40	154	51	10	4	0	0	0	0	259
	ST	17	47	14	4	1	0	0	0	0	83
	Total	59	530	492	175	51	6	6	0	0	0

EY	GEN	0	0	1	107	68	37	11	2	0	226
	GEN-EWS	0	0	3	8	4	0	0	0	0	15
	OBC-NCL	0	0	18	65	26	8	2	0	0	119
	SC	0	10	40	16	4	1	0	0	0	71
	ST	0	3	8	6	1	0	0	0	0	18
	Total	0	13	70	202	103	46	13	2	0	449
GE	GEN	0	27	132	40	11	2	0	0	0	212
	GEN-EWS	1	16	11	3	0	0	0	0	0	31
	OBC-NCL	0	70	71	20	2	1	0	0	0	164
	SC	11	63	11	1	1	0	0	0	0	87
	ST	5	14	2	1	0	0	0	0	0	22
	Total	17	190	227	65	14	3	0	0	0	516
GG-1	GEN		2	74	182	81	19	3	3	0	364
	GEN-EWS		0	75	58	22	5	1	0	0	161
	OBC-NCL		1	177	143	62	18	5	0	0	406
	SC		65	80	40	9	1	1	0	0	196
	ST		36	19	9	4	0	0	0	0	68
	Total	0	104	425	432	178	43	10	3	0	1195
GG-2	GEN	0	0	0	6	29	7	2	0	0	44
	GEN-EWS	0	0	0	11	20	6	1	0	0	38
	OBC-NCL	0	0	0	43	34	10	0	0	0	87
	SC	0	0	18	15	3	0	0	0	0	36
	ST	0	0	8	3	2	0	0	0	0	13
	Total	0	0	26	78	88	23	3	0	0	218
IN	GEN	0	1	211	274	124	29	6	0	0	645

	GEN-EWS	0	0	114	91	24	6	2	0	0	237
	OBC-NCL	0	0	399	266	82	10	2	0	0	759
	SC	0	155	83	23	4	1	0	0	0	266
	ST	0	42	21	10	1	1	0	0	0	75
	Total	0	198	828	664	235	47	10	0	0	1982
MA	GEN	7	476	283	40	0	0	0	0	0	806
	GEN-EWS	0	274	92	16	1	0	0	0	0	383
	OBC-NCL	3	621	162	17	0	0	0	0	0	803
	SC	189	199	19	1	0	0	0	0	0	408
	ST	42	37	1	0	0	0	0	0	0	80
	Total	241	1607	557	74	1	0	0	0	0	2480
ME	GEN	5	430	1556	872	462	185	27	6	0	3543
	GEN-EWS	0	285	403	247	153	41	9	2	0	1140
	OBC-NCL	4	1292	1485	880	447	135	28	3	1	4275
	SC	285	1044	351	151	50	10	1	0	0	1892
	ST	80	314	118	28	7	4	0	0	0	551
	Total	374	3365	3913	2178	1119	375	65	11	1	11401
MN	GEN	0	91	85	29	6	3	0	0	0	214
	GEN-EWS	0	49	45	12	5	1	0	0	0	112
	OBC-NCL	1	263	129	35	4	1	0	0	0	433
	SC	66	100	19	1	1	0	0	0	0	187
	ST	43	42	4	1	0	0	0	0	0	90
	Total	110	545	282	78	16	5	0	0	0	1036
MT	GEN	0	0	0	28	72	44	20	1	0	165
	GEN-EWS	0	0	0	19	24	12	4	0	0	59

	OBC-NCL	0	0	0	102	89	45	17	4	0	257
	SC	0	0	51	32	17	11	1	0	0	112
	ST	0	0	28	7	5	3	1	0	0	44
	Total	0	0	79	188	207	115	43	5	0	637
	GEN	0	9	8	0	3	0	0	0	0	20
	GEN-EWS	0	1	3	1	0	0	0	0	0	5
NM	OBC-NCL	1	20	6	1	0	0	0	0	0	28
	SC	3	5	1	0	0	0	0	0	0	9
	ST	2	1	0	0	0	0	0	0	0	3
	Total	6	36	18	2	3	0	0	0	0	65
PE	GEN	0	0	38	31	21	14	3	0	0	107
	GEN-EWS	0	0	22	10	16	7	3	0	0	58
	OBC-NCL	0	0	51	39	22	5	0	0	0	117
	SC	0	21	22	14	8	1	0	0	0	66
	ST	0	6	9	0	0	0	0	0	0	15
	Total	0	27	142	94	67	27	6	0	0	363
PH	GEN	0	9	1086	374	95	17	1	0	0	1582
	GEN-EWS	0	122	254	63	15	1	0	0	0	455
	OBC-NCL	0	340	675	154	23	5	1	0	0	1198
	SC	0	462	118	19	1	0	0	0	0	600
	ST	0	116	20	3	1	0	0	0	0	140
	Total	0	1049	2153	613	135	23	2	0	0	3975
PI	GEN	0	0	2	67	81	45	31	11	0	237
	GEN-EWS	0	0	0	26	23	16	4	1	0	70
	OBC-NCL	0	0	4	142	65	41	33	3	0	288

	SC	0	10	65	29	15	4	1	0	0	124
	ST	0	0	13	5	3	2	0	0	0	23
	Total	0	10	84	269	187	108	69	15	0	742
	GEN	1	35	38	8	4	0	1	0	0	87
ST	GEN-EWS	0	21	10	0	0	0	0	0	0	31
	OBC-NCL	0	42	18	2	1	0	0	0	0	63
	SC	16	16	4	0	0	0	0	0	0	36
	ST	5	2	0	0	0	0	0	0	0	7
	Total	22	116	70	10	5	0	1	0	0	224
TF	GEN	1	31	40	21	2	2	0	0	0	97
	GEN-EWS	0	17	14	7	3	0	0	0	0	41
	OBC-NCL	2	68	42	12	6	0	0	0	0	130
	SC	21	23	7	2	0	0	0	0	0	53
	ST	2	0	0	0	0	0	0	0	0	2
	Total	26	139	103	42	11	2	0	0	0	323
XE	GEN	0	0	100	345	229	125	31	3	0	833
	GEN-EWS	0	0	71	92	75	31	10	0	0	279
	OBC-NCL	0	0	250	316	195	67	19	0	0	847
	SC	0	94	84	55	17	11	0	0	0	261
	ST	0	20	26	6	2	0	0	0	0	54
	Total	0	114	531	814	518	234	60	3	0	2274
XH-C1	GEN	0	0	1	48	113	66	13	1	0	242
	GEN-EWS	0	0	0	18	18	7	2	0	0	45
	OBC-NCL	0	0	0	35	26	6	1	2	0	70
	SC	0	0	25	10	5	0	1	0	0	41

	ST	0	0	6	4	1	0	0	0	0	11
	Total	0	0	32	115	163	79	17	3	0	409
XH-C2	GEN	0	0	3	2	275	160	27	1	0	468
	GEN-EWS	0	0	0	30	47	15	0	0	0	92
	OBC-NCL	0	0	1	65	108	37	2	1	0	214
	SC	0	0	50	73	32	4	1	0	0	160
	ST	0	0	21	10	4	2	0	0	0	37
	Total	0	0	75	180	466	218	30	2	0	971
XH-C3	GEN	0	0	0	8	15	8	1	0	0	32
	GEN-EWS	0	0	0	2	2	1	0	0	0	5
	OBC-NCL	0	0	0	5	1	0	0	0	0	6
	SC	0	0	3	4	1	0	0	0	0	8
	ST	0	0	5	0	1	0	0	0	0	6
	Total	0	0	8	19	20	9	1	0	0	57
XH-C4	GEN	0	0	9	27	6	0	0	0	0	42
	GEN-EWS	0	0	3	2	0	0	0	0	0	5
	OBC-NCL	0	0	11	4	1	0	0	0	0	16
	SC	0	4	11	0	0	0	0	0	0	15
	ST	0	4	1	0	0	0	0	0	0	5
	Total	0	8	35	33	7	0	0	0	0	83
XH-C5	GEN	0	0	1	0	135	166	41	3	0	346
	GEN-EWS	0	0	1	6	25	11	2	0	0	45
	OBC-NCL	0	0	0	13	101	39	4	0	0	157
	SC	0	0	17	34	15	2	1	0	0	69
	ST	0	0	5	10	4	0	0	0	0	19

	Total	0	0	24	63	280	218	48	3	0	636
XH-C6	GEN	0	0	0	1	49	15	8	0	0	73
	GEN-EWS	0	0	0	11	5	4	0	0	0	20
	OBC-NCL	0	0	0	29	17	11	1	0	0	58
	SC	0	0	18	13	7	2	0	0	0	40
	ST	0	0	2	6	1	0	0	0	0	9
	Total	0	0	20	60	79	32	9	0	0	200
XL	GEN	0	15	1877	918	165	16	1	0	0	2992
	GEN-EWS	0	53	454	123	11	2	1	0	0	644
	OBC-NCL	0	150	1441	291	33	5	0	0	0	1920
	SC	0	811	322	42	3	0	0	0	0	1178
	ST	0	211	54	8	0	0	0	0	0	273
	Total	0	1240	4148	1382	212	23	2	0	0	7007

Paperwise Categorywise Range of Scores (out of 1000) of Qualified Candidates

Paper Code	Category	>100	1-100	100-200	200-300	300-400	400-500	500-600	600-700	700-800	800-900	900-1000	Total
AE	GEN	0	0	0	1	92	112	60	44	17	4	3	333
	GEN-EWS	0	0	0	0	24	18	4	5	2	1	0	54
	OBC-NCL	0	0	0	0	128	87	43	27	11	3	1	300
	SC	0	0	0	52	37	10	5	5	1	0	1	111
	ST	0	0	0	7	9	3	1	0	0	0	0	20
	Total	0	0	0	60	290	230	113	81	31	31	8	5
AG	GEN	0	0	0	0	17	10	8	3	1	6	1	46
	GEN-EWS	0	0	0	3	14	5	4	1	1	0	1	29
	OBC-NCL	0	0	0	7	35	13	16	3	2	3	1	80
	SC	0	0	21	8	2	5	2	1	0	0	0	39
	ST	0	0	8	4	1	0	0	0	0	0	0	13
	Total	0	0	29	22	69	33	30	8	4	4	9	3
AR	GEN	0	0	1	1	238	326	199	71	46	12	2	896
	GEN-EWS	0	0	0	5	40	23	11	5	5	1	1	91
	OBC-NCL	0	0	1	49	295	127	77	34	17	5	1	606
	SC	0	0	51	114	66	34	12	6	0	0	0	283
	ST	0	0	21	33	18	13	4	0	0	0	0	89
	Total	0	0	74	202	657	523	303	116	68	68	18	4
BM	GEN	0	0	0	0	15	20	6	5	2	2	3	53
	GEN-EWS	0	0	0	0	6	3	0	2	1	0	0	12

	OBC-NCL	0	0	0	2	20	18	5	1	3	1	1	51
	SC	0	0	8	7	4	2	2	0	0	0	0	23
	ST	0	0	1	0	0	0	0	0	0	0	0	1
	Total	0	0	9	9	45	43	13	8	6	3	4	140
BT	GEN	0	0	1	7	491	569	264	111	49	14	4	1510
	GEN-EWS	0	0	0	1	105	75	20	10	1	2	0	214
	OBC-NCL	0	0	2	3	452	217	77	24	6	1	1	783
	SC	0	0	64	212	75	36	9	3	0	0	0	399
	ST	0	0	12	54	19	5	1	2	0	0	0	93
	Total	0	0	79	277	1142	902	371	150	56	17	5	2999
CE	GEN	0	0	0	24	1148	1357	783	427	259	96	18	4112
	GEN-EWS	0	0	0	4	650	402	246	146	58	24	4	1534
	OBC-NCL	0	0	0	16	2792	1676	794	436	194	63	6	5977
	SC	0	0	0	1207	922	391	169	77	30	5	0	2801
	ST	0	0	0	641	426	159	75	40	18	1	1	1361
	Total	0	0	0	1892	5938	3985	2067	1126	559	189	29	15785
CH	GEN	0	0	0	4	247	317	174	84	46	6	3	881
	GEN-EWS	0	0	0	0	155	94	54	30	16	2	0	351
	OBC-NCL	0	0	0	4	426	251	167	82	25	4	2	961
	SC	0	0	0	184	136	57	50	5	3	0	0	435
	ST	0	0	0	48	36	14	4	2	0	0	0	104
	Total	0	0	0	240	1000	733	449	203	90	12	5	2732
CS	GEN	0	0	0	34	1899	2292	1059	487	200	65	27	6063
	GEN-EWS	0	0	0	5	906	440	213	87	44	14	7	1716
	OBC-NCL	0	0	0	26	2290	1062	437	206	74	20	1	4116

	SC	0	0	0	1294	689	226	80	21	3	1	2	2316
	ST	0	0	0	353	164	51	11	6	0	1	0	586
	Total	0	0	0	1712	5948	4071	1800	807	321	101	37	14797
CY	GEN	0	0	0	6	623	739	297	149	72	27	7	1920
	GEN-EWS	0	0	0	0	312	193	76	35	12	2	1	631
	OBC-NCL	0	0	0	330	818	419	182	75	23	9	3	1859
	SC	0	0	0	5	201	75	29	7	8	1	0	326
	ST	0	0	0	99	45	4	7	3	1	0	0	159
	Total	0	0	0	440	1999	1430	591	269	116	39	11	4895
EC	GEN	0	0	0	8	837	1138	677	377	139	45	11	3232
	GEN-EWS	0	0	0	4	341	271	160	79	36	6	1	898
	OBC-NCL	0	0	0	8	1266	869	524	252	69	11	4	3003
	SC	0	0	0	659	398	171	71	27	11	1	0	1338
	ST	0	0	0	174	101	45	19	5	1	1	0	346
	Total	0	0	0	853	2943	2494	1451	740	256	64	16	8817
EE	GEN	0	0	0	11	466	593	316	168	87	36	9	1686
	GEN-EWS	0	0	0	1	242	174	90	45	26	6	1	585
	OBC-NCL	0	0	0	13	1096	670	352	148	55	15	7	2356
	SC	0	0	0	717	257	115	41	17	5	1	1	1154
	ST	0	0	0	241	101	46	24	13	2	3	2	432
	Total	0	0	0	983	2162	1598	823	391	175	61	20	6213
ES	GEN	0	0	0	0	107	116	77	50	25	11	4	390
	GEN-EWS	0	0	0	1	50	30	18	11	9	1	0	120
	OBC-NCL	0	0	0	3	219	128	73	25	10	2	1	461
	SC	0	0	0	137	68	34	9	6	5	0	0	259

	ST	0	0	0	44	21	11	3	3	0	1	0	83
	Total	0	0	0	185	465	319	180	95	49	15	5	1313
EY	GEN	0	0	1	0	59	60	51	25	17	9	4	226
	GEN-EWS	0	0	0	0	9	4	2	0	0	0	0	15
	OBC-NCL	0	0	0	12	57	21	18	6	3	2	0	119
	SC	0	0	29	20	13	5	3	0	1	0	0	71
	ST	0	0	5	6	6	1	0	0	0	0	0	18
	Total	0	0	35	38	144	91	74	31	21	11	4	449
GE	GEN	0	0	0	2	52	64	53	23	9	7	2	212
	GEN-EWS	0	0	1	0	20	6	1	3	0	0	0	31
	OBC-NCL	0	0	0	6	81	41	16	16	1	1	2	164
	SC	0	0	20	34	20	7	5	1	0	1	0	88
	ST	0	0	5	12	2	2	0	0	0	0	0	21
	Total	0	0	26	54	175	120	75	43	10	9	4	516
GG-1	GEN	0	0	0	2	77	152	77	38	12	3	3	364
	GEN-EWS	0	0	0	4	75	48	19	13	2	1	0	162
	OBC-NCL	0	0	0	12	171	106	70	31	10	4	1	405
	SC	0	0	15	86	44	39	7	3	1	1	0	196
	ST	0	0	6	38	13	7	2	2	0	0	0	68
	Total	0	0	21	142	380	352	175	87	25	9	4	1195
GG-2	GEN	0	0	0	0	5	15	5	11	3	3	2	44
	GEN-EWS	0	0	0	5	4	7	7	8	2	4	1	38
	OBC-NCL	0	0	0	18	21	16	13	11	7	1	0	87
	SC	5	10	6	9	3	2	1	1	0	0	0	37
	ST	1	5	4	1	0	1	0	0	0	0	0	12

	Total	6	15	10	33	33	41	26	31	12	8	3	218
IN	GEN	0	0	0	1	147	222	166	73	26	8	2	645
	GEN-EWS	0	0	0	0	99	73	38	16	8	3	0	237
	OBC-NCL	0	0	0	1	342	217	146	40	9	3	1	759
	SC	0	0	27	144	58	19	16	1	1	0	0	266
	ST	0	0	9	34	18	9	3	1	1	0	0	75
	Total	0	0	36	180	664	540	369	131	45	14	3	1982
MA	GEN	0	0	4	5	253	291	145	68	26	10	4	806
	GEN-EWS	0	0	0	17	181	98	54	16	11	4	2	383
	OBC-NCL	0	0	1	49	400	220	80	36	13	3	1	803
	SC	0	0	115	157	92	31	8	4	1	0	0	408
	ST	0	0	24	34	16	5	1	0	0	0	0	80
	Total	0	0	144	262	942	645	288	124	51	17	7	2480
ME	GEN	0	0	0	12	985	1128	759	418	184	48	9	3543
	GEN-EWS	0	0	0	3	399	324	215	138	43	14	4	1140
	OBC-NCL	0	0	0	20	1765	1123	775	402	148	32	10	4275
	SC	0	0	0	861	600	239	132	47	12	1	0	1892
	ST	0	0	0	257	173	88	23	6	4	0	0	551
	Total	0	0	0	1153	3922	2902	1904	1011	391	95	23	11401
MN	GEN	0	0	0	0	55	78	45	22	8	3	3	214
	GEN-EWS	0	0	0	0	43	33	18	9	5	3	1	112
	OBC-NCL	0	0	0	2	214	120	60	24	10	2	1	433
	SC	0	0	0	99	55	25	6	1	1	0	0	187
	ST	0	0	0	53	29	6	1	1	0	0	0	90
	Total	0	0	0	154	396	262	130	57	24	8	5	1036

MT	GEN	0	0	0	1	29	51	29	29	19	6	1	165
	GEN-EWS	0	0	0	4	15	17	11	7	3	2	0	59
	OBC-NCL	0	0	0	25	86	53	38	26	18	8	3	257
	SC	0	2	40	25	18	8	13	5	0	1	0	112
	ST	0	4	20	9	2	4	2	2	0	1	0	44
	Total	0	6	60	64	150	133	93	69	40	18	4	637
NM	GEN	0	0	0	0	4	5	3	3	2	0	3	20
	GEN-EWS	0	0	0	1	0	0	2	1	0	1	0	5
	OBC-NCL	0	0	0	4	13	4	2	2	2	1	0	28
	SC	0	0	3	4	0	1	1	0	0	0	0	9
	ST	0	0	2	0	1	0	0	0	0	0	0	3
	Total	0	0	5	9	18	10	8	6	4	2	3	65
PE	GEN	0	0	0	0	26	26	18	14	13	7	3	107
	GEN-EWS	0	0	0	2	20	3	9	10	10	2	2	58
	OBC-NCL	0	0	0	4	36	27	25	15	9	1	0	117
	SC	0	0	6	18	15	11	7	8	1	0	0	66
	ST	0	0	1	7	4	3	0	0	0	0	0	15
	Total	0	0	7	31	101	70	59	47	33	10	5	363
PH	GEN	0	0	0	9	482	631	260	136	41	19	4	1582
	GEN-EWS	0	0	0	1	256	119	50	19	8	2	0	455
	OBC-NCL	0	0	0	2	721	306	113	36	12	6	2	1198
	SC	0	0	58	341	140	43	15	3	0	0	0	600
	ST	0	0	24	74	32	6	2	2	0	0	0	140
	Total	0	0	82	427	1631	1105	440	196	61	27	6	3975

PI	GEN	0	0	0	2	44	68	51	29	27	13	3	237
	GEN-EWS	0	0	0	1	17	19	16	12	2	2	1	70
	OBC-NCL	0	0	0	14	109	57	41	28	27	12	0	288
	SC	0	0	41	37	22	12	7	4	0	1	0	124
	ST	0	0	5	8	4	3	3	0	0	0	0	23
	Total	0	0	46	62	196	159	118	73	56	28	4	742
ST	GEN	0	0	0	1	18	32	20	7	1	6	2	87
	GEN-EWS	0	0	0	0	16	8	6	1	0	0	0	31
	OBC-NCL	0	0	0	0	30	19	6	5	2	0	1	63
	SC	0	0	3	23	4	4	2	0	0	0	0	36
	ST	0	0	2	4	1	0	0	0	0	0	0	7
	Total	0	0	5	28	69	63	34	13	3	6	3	224
TF	GEN	0	0	0	2	16	28	26	13	9	0	3	97
	GEN-EWS	0	0	0	0	11	9	11	6	2	4	1	44
	OBC-NCL	0	0	0	2	55	34	21	8	6	1	0	127
	SC	0	0	0	32	10	6	3	1	1	0	0	53
	ST	0	0	0	2	0	0	0	0	0	0	0	2
	Total	0	0	0	38	92	77	61	28	18	5	4	323
XE	GEN	0	0	0	0	172	262	173	131	71	20	4	833
	GEN-EWS	0	0	0	0	91	67	58	40	18	5	0	279
	OBC-NCL	0	0	0	2	308	241	163	87	33	12	1	847
	SC	0	0	24	110	57	41	15	10	4	0	0	261
	ST	0	0	9	25	13	5	2	0	0	0	0	54
	Total	0	0	33	137	641	616	411	268	126	37	5	2274
XH-C1	GEN	0	0	1	0	48	85	39	42	17	8	2	242

	GEN-EWS	0	0	0	3	15	15	6	3	1	1	1	45
	OBC-NCL	0	0	0	14	21	21	6	5	0	1	2	70
	SC	0	8	12	10	5	2	3	0	1	0	0	41
	ST	0	2	4	4	0	1	0	0	0	0	0	11
	Total	0	10	17	31	89	124	54	50	19	10	5	409
XH-C2	GEN	0	3	1	1	96	157	102	69	25	12	2	468
	GEN-EWS	0	0	0	30	25	17	11	9	0	0	0	92
	OBC-NCL	0	1	0	65	66	37	23	0	3	1	2	198
	SC	15	45	36	27	18	12	5	16	0	1	0	175
	ST	7	17	3	4	3	1	2	1	0	0	0	38
	Total	22	66	40	127	208	224	143	95	28	14	4	971
XH-C3	GEN	0	0	0	0	4	4	4	10	3	3	4	32
	GEN-EWS	0	0	0	1	1	0	0	1	1	0	1	5
	OBC-NCL	0	0	0	1	2	2	0	1	0	0	0	6
	SC	0	2	2	2	1	0	1	0	0	0	0	8
	ST	1	4	0	0	0	0	0	1	0	0	0	6
	Total	1	6	2	4	8	6	5	13	4	3	5	57
XH-C4	GEN	0	0	0	1	6	14	10	6	4	0	5	46
	GEN-EWS	0	0	0	2	1	1	0	1	0	0	0	5
	OBC-NCL	0	0	0	3	7	3	2	1	0	0	0	16
	SC	0	3	4	10	0	0	0	0	0	0	0	17
	ST	0	1	2	0	0	0	0	0	0	0	0	3
	Total	0	4	6	16	14	18	12	8	4	0	5	87
XH-C5	GEN	1	0	0	0	62	103	86	50	30	11	3	346
	GEN-EWS	1	1	0	11	13	7	5	5	2	0	0	45

	OBC-NCL	0	1	0	52	39	30	25	6	3	1	0	157
	SC	14	19	14	8	7	4	2	0	0	1	0	69
	ST	4	6	4	1	3	1	0	0	0	0	0	19
	Total	20	27	18	72	124	145	118	61	35	13	3	636
	GEN	0	0	0	0	8	21	21	6	8	5	4	73
	GEN-EWS	0	0	0	8	5	3	0	1	3	0	0	20
XH-C6	OBC-NCL	0	0	0	17	15	9	5	6	3	3	0	58
	SC	10	8	5	5	4	3	0	3	0	0	0	38
	ST	1	1	4	2	1	0	2	0	0	0	0	11
	Total	11	9	9	32	33	36	28	16	14	8	4	200
XL	GEN	0	0	4	11	916	1109	612	225	82	27	6	2992
	GEN-EWS	0	0	0	53	309	167	72	37	3	0	3	644
	OBC-NCL	0	0	2	148	1008	479	201	61	13	6	2	1920
	SC	0	0	323	488	250	82	25	9	1	0	0	1178
	ST	0	0	90	121	41	15	6	0	0	0	0	273
	Total	0	0	419	821	2524	1852	916	332	99	33	11	7007

Starting and Ending Rank for Qualified Candidates with scores

Papers	S=(1000-901)		S=(900-801)		S=(800-701)		S=(700-601)		S=(600-501)		S=(500-401)		S=(400-301)		S=(300-201)		S=(200-101)		S=(100-1)		S<0	
	Starting Rank	Ending Rank	Starting Rank	Ending Rank	Starting Rank	Ending Rank	Starting Rank	Ending Rank	Starting Rank	Ending Rank	Starting Rank	Ending Rank	Starting Rank	Ending Rank	Starting Rank	Ending Rank	Starting Rank	Ending Rank	Starting Rank	Ending Rank	Starting Rank	Ending Rank
AE	1	4	6	11	14	44	45	121	126	231	239	456	469	881	913	1323	-	-	-	-	-	-
AG	1	3	4	12	13	15	17	24	25	53	55	82	88	173	178	277	292	475	-	-	-	-
AR	1	4	5	20	23	87	91	196	207	487	510	994	1033	1928	1989	3347	3449	4043	-	-	-	-
BM	1	4	5	7	8	13	14	20	22	32	35	72	78	130	133	216	236	308	-	-	-	-
BT	1	5	6	20	23	73	79	216	229	583	600	1442	1502	3084	3180	5597	5736	6206	-	-	-	-
CE	1	29	30	214	219	762	778	1869	1904	3930	3971	7825	7956	16156	16391	24722	-	-	-	-	-	-
CH	1	5	6	17	18	97	108	301	311	746	760	1452	1494	2854	2920	4515	-	-	-	-	-	-
CS	1	34	38	135	139	448	460	1210	1267	2986	3067	6923	7138	15938	16457	28510	-	-	-	-	-	-
CY	1	11	12	47	51	158	167	416	436	984	1027	2379	2457	5308	5479	8917	-	-	-	-	-	-
EC	1	16	17	78	81	322	337	1028	1077	2450	2528	4879	5022	9172	9431	15005	-	-	-	-	-	-
EE	1	19	21	78	82	239	257	622	648	1417	1471	2946	3069	5682	5908	11360	-	-	-	-	-	-
ES	1	5	6	20	21	66	70	151	165	332	345	648	664	1217	1254	2162	-	-	-	-	-	-
EY	1	4	5	14	16	35	37	67	68	132	142	225	233	419	441	669	680	920	-	-	-	-
GE	1	4	5	12	14	23	24	63	67	136	142	251	262	472	484	751	773	878	-	-	-	-
GG-GG1	1	4	5	13	21	37	39	119	126	291	301	635	653	1136	1157	1900	1936	2013	-	-	-	-
GG-GG2	1	3	4	10	12	22	24	42	55	80	81	118	122	159	165	209	213	253	265	314	322	354
IN	1	2	4	17	18	61	63	180	194	535	563	1083	1103	1903	1942	3110	3165	3302	-	-	-	-
MA	1	6	8	22	25	73	76	188	200	455	488	1062	1133	2241	2373	4145	4333	5260	-	-	-	-
ME	1	23	24	114	119	489	510	1481	1521	3345	3425	6183	6327	11869	12208	18637	-	-	-	-	-	-
MN	1	5	6	13	14	35	38	93	95	212	225	463	487	961	998	1636	-	-	-	-	-	-

MT	1	4	5	21	23	61	63	128	132	215	225	347	358	539	553	752	781	1033	1042	1060	-	-
NM	1	3	4	5	6	8	10	15	16	23	24	33	34	56	58	86	95	117	-	-	-	-
PE	1	5	6	14	16	48	49	93	96	152	155	220	225	348	353	497	520	545	-	-	-	-
PH	1	6	7	30	34	91	95	277	291	682	731	1762	1836	4018	4182	7873	8137	8674	-	-	-	-
PI	1	4	5	32	33	85	89	159	162	273	280	426	439	672	682	980	998	1199	-	-	-	-
ST	1	3	4	7	10	12	13	25	26	58	60	121	123	225	236	494	545	570	-	-	-	-
TF	1	4	5	9	10	27	28	55	56	112	117	189	194	304	331	539	-	-	-	-	-	-
XE	1	4	6	39	43	163	169	421	437	829	848	1434	1464	2238	2281	3465	3538	3758	-	-	-	-
XH-C1	1	5	6	15	16	34	35	83	85	137	139	255	263	390	400	597	619	807	816	882	-	-
XH-C2	1	4	5	16	19	46	47	129	142	272	285	489	509	799	826	1168	1207	1599	1630	2031	2105	2225
XH-C3	1	5	6	7	9	12	13	22	26	29	31	35	37	45	50	58	64	78	84	104	109	109
XH-C4	1	5	-	-	6	8	10	16	18	28	30	45	48	63	64	93	106	136	143	166	-	-
XH-C5	1	3	4	16	17	47	52	108	113	222	231	362	376	541	561	753	799	1022	1040	1278	1303	1453
XH-C6	1	3	5	12	13	25	27	42	43	68	71	106	107	153	161	223	240	284	320	350	376	418
XL	1	11	12	42	45	131	144	441	476	1313	1392	3093	3244	6487	6742	11676	12014	14638	-	-	-	-