rank in Mech Eng (World)	authfull	inst_name	cntry	np6017
1	Sheikholeslami, M.			177
2	Reddy, J.N.	Texas A and M University	usa	340
3	Bhushan, Bharat	Ohio State University	usa	516
4	Rice, James R.	Harvard University	usa	147
5	Choi, Stephen U.S.	University of Illinois at Chicago	usa	40
6	Eringen, A.Cemal	Princeton University	usa	63
7	Hutchinson, John W.	Harvard University	usa	260
8	Bejan, Adrian	Duke University	usa	318
9	Suo, Zhigang	Harvard University	usa	288
10	Shen, Hui-Shen	Shanghai Jiaotong University	chn	182
11	Majumdar, Arun	Stanford University	usa	188
12	Ellahi, R.			121
13	Kandlikar, Satish G.	Rochester Institute of Technology	usa	189
14	Turkyilmazoglu, M.	Hacettepe University	tur	89
15	Wood, Robert J.	Harvard University	usa	376
16	Gao, Huajian	Brown University	usa	299
17	Fleck, N.A.	University of Cambridge	gbr	260
18	Etsion, I.	Technion-Israel Institute of Techn	isr	136
19	Hashin, Zvi	Tel Aviv University	isr	41
20	Hayat, T.	King Abdulaziz University	sau	1189
21	Patankar, Suhas V.			91
22	Ganji, D.D.			459
23	Gurtin, Morton E.	Carnegie Mellon University	usa	103
24	Nield, D.A.	University of Auckland	nzl	131
25	Needleman, A.	Texas A and M University	usa	175
26	Civalek, Ömer	Akdeniz University	tur	89
27	Johnson, K.L.	University of Cambridge	gbr	79
28	Gao, Wei	Hohai University	chn	410
29	Chaboche, J.L.			66
30	Prasher, Ravi	Lawrence Berkeley National Labo	usa	84
31	Mindlin, R.D.	Columbia University	usa	16
32	Kuznetsov, A.V.	North Carolina State University	usa	197
33	Tvergaard, Viggo	Technical University of Denmark	dnk	130
34	Chamkha, Ali J.			293
35	Makinde, O.D.	University of Stellenbosch	zaf	212
36	Rashidi, M.M.	University of Birmingham	gbr	194
37	Wang, Jian	Shanghai Jiaotong University	chn	565
38	Hill, Rodney	University of Cambridge	gbr	28
39	Wang, Xu	Chongqing University	chn	511
40	Zenkour, Ashraf M.	King Abdulaziz University	sau	165
41	Ansari, R.	Guilan University	irn	285
42	Kefayati, G.H.R.	Hong Kong Polytechnic University	hkg	52
43	Wang, C.Y.	Michigan State University	usa	156
44	Akbar, Noreen Sher	National University of Sciences ar	pak	171
45	Silling, S.A.	Sandia National Laboratories NM	usa	39
46	Huang, Yonggang	Northwestern University	usa	388
47	Launder, B.E.	University of Manchester	gbr	88
48	Mudawar, Issam	Purdue University	usa	185
49	Ortiz, M.	California Institute of Technology	usa	209

50	Oztop, Hakan F.	Firat University	tur	223
51	Thome, John R.	Ecole Polytechnique Federale de l	che	208
52	Detournay, Emmanuel	University of Minnesota	usa	100
53	Vafai, Kambiz	University of California at Riversic	usa	197
54	Spikes, H.A.	Imperial College London	gbr	190
55	Anand, Lallit	Massachusetts Institute of Techn	usa	88
56	Wierzbicki, Tomasz	Massachusetts Institute of Techn	usa	119
57	Han, Je-Chin	Texas A and M University	usa	203
58	Zimmerman, Robert W.	Imperial College London	gbr	109
59	Zhang, Li-Zhi	South China University of Techno	chn	106
60	Abu-Nada, Eiyad			55
61	McDowell, David L.	Georgia Institute of Technology	usa	240
62	Hutchings, I.M.	University of Cambridge	gbr	156
63	Willis, J.R.	University of Cambridge	gbr	90
64	Nemat-Nasser, Sia	University of California at San Die	usa	134
65	Ishak, Anuar	Universiti Kebangsaan Malaysia	mys	165
66	Pan, E.	University of Akron	usa	178
67	Kim, Young-Jin	Chonnam National University	kor	407
68	Ogden, R.W.	University of Glasgow	gbr	129
69	Dafalias, Yannis F.	University of California at Davis	usa	85
70	Modest, Michael F.	UC MERCED	usa	94
71	Rajagopal, K.R.	Texas A and M University	usa	258
72	Suh, Nam P.	Massachusetts Institute of Techn	usa	92
73	Berryman, James G.	Lawrence Berkeley National Labo	usa	94
74	Pop, Ioan	Babes-Bolyai University	rou	647
75	Moffat, Robert J.	Stanford University	usa	35
76	Wen, Dongsheng	Beihang University	chn	112
77	Mukhopadhyay, Swati	University of Burdwan	ind	58
78	Wongwises, Somchai	King Mongkut's University of Tech	tha	275
79	Batra, R.C.	Virginia Polytechnic Institute and	usa	216
80	Shyy, Wei	Hong Kong University of Science a	hkg	212
81	Zhao, C.Y.	Shanghai Jiaotong University	chn	82
82	Ruina, Andy	Cornell University	usa	48
83	Wang, L.	Huazhong University of Science a	chn	73
84	Barlat, Frédéric	Pohang University of Science and	kor	190
85	Aifantis, E.C.	Aristotle University of Thessaloni	grc	82
86	Taylor, David	Trinity College Dublin	irl	127
87	Nadeem, S.	Quaid-I-Azam University	pak	257
88	Goldstein, R.J.	University of Minnesota	usa	115
89	Pineau, A.			110
90	Lim, C.W.	City University of Hong Kong	hkg	166
91	Garimella, Suresh V.	Purdue University	usa	254
92	Das, Sarit K.	Indian Institute of Technology, M	ind	142
93	Vajravelu, K.	University of Central Florida	usa	140
94	Yilbas, B.S.	King Fahd University of Petroleum	sau	332
95	Carpinteri, Alberto	Politecnico di Torino	ita	213
96	Jones, Norman	University of Liverpool	gbr	106
97	Voller, V.R.	University of Minnesota	usa	98
98	Ezugwu, E.O.			52
99	Greitzer, E.M.	Massachusetts Institute of Techn	usa	72
100	Poulikakos, Dimos	ETH Zurich	che	274

101	Wang, Chi-Chuan	National Chiao Tung University	twn	172
102	Viskanta, Raymond	Purdue University	usa	168
103	Mei, Renwei	University of Florida	usa	68
104	Kim, Min-Soo	Seoul National University	kor	410
105	Lemaitre, Jean	Ecole Normale Superieure de Cac	fra	16
106	Dunn, Martin L.			127
107	Eiamsa-ard, Smith	Mahanakorn University of Techno	tha	95
108	Issa, R.I.	Imperial College London	gbr	38
109	Boyce, Mary C.	Columbia University	usa	148
110	Durbin, Paul A.	Iowa State University	usa	69
111	Xuan, Yimin	Nanjing University of Aeronautics	chn	132
112	Ahmadi, Goodarz	Clarkson University	usa	264
113	Ru, C.Q.	University of Alberta	can	91
114	Promvonge, Pongjet	King Mongkut's Institute of Techn	tha	87
115	Faeth, G.M.	University of Michigan	usa	114
116	Rodi, Wolfgang			97
117	Kiani, Keivan	K.N. Toosi University of Technolo	irn	66
118	Kiani, Y.	Shahrekord University	irn	59
119	Komanduri, R.	Oklahoma State University	usa	126
120	Alsaedi, Ahmed	King Abdulaziz University	sau	713
121	Huang, Rui	University of Texas at Austin	usa	105
122	Milton, Graeme W.	University of Utah	usa	86
123	Tryggvason, Gretar	University of Notre Dame	usa	114
124	Ghayesh, Mergen H.	University of Adelaide	aus	100
125	Chen, Rong	Dalian Maritime University	chn	314
126	Majidi, Carmel	Carnegie Mellon University	usa	63
127	Faghri, Amir	University of Connecticut	usa	153
128	Aziz, A.			63
129	Chen, W.Q.	Zhejiang University	chn	226
130	Webb, Ralph L.	Pennsylvania State University	usa	54
131	Brennen, Christopher E.	California Institute of Technology	usa	68
132	Johnson, Gordon R.			42
133	Murakami, Yukitaka	Kyushu University	jpn	111
134	Bunker, Ronald S.	General Electric	usa	63
135	Grady, Dennis E.			59
136	Bergles, Arthur E.	University of Maryland	usa	105
137	Zeng, Min	Wuhan University of Technology	chn	206
138	Geers, M.G.D.	Eindhoven University of Technolo	nld	202
139	Denton, J.D.	University of Cambridge	gbr	46
140	Wang, Bing	Shandong University	chn	250
141	Barthelat, Francois	McGill University	can	64
142	Rose, John W.	Queen Mary, University of Londo	gbr	69
143	Wang, Xiaoming	Nanjing University of Science and	chn	222
144	Dowson, D.	University of Leeds	gbr	167
145	Forest, S.			117
146	Yan, Kai	University of Science and Technol	chn	79
147	Sheremet, M.A.	Tomsk State University	rus	90
148	Lubarda, Vlado A.	University of California at San Die	usa	55
149	Zhang, Yuwen	University of Missouri	usa	190
150	He, Ya-Ling	Xi'an Jiaotong University	chn	362
151	Naphon, Paisarn	Srinakharinwirot University	tha	53

152	Greenwood, J.A.	University of Cambridge	gbr	47
153	Dhir, Vijay K.	University of California at Los Ang	usa	91
154	Blau, Peter J.	Fraunhofer - BY-TH-SN	deu	89
155	McMeeking, Robert M.	University of California at Santa B	usa	143
156	Vardoulakis, I.	National Technical University of A	grc	92
157	Pugno, Nicola M.	University of Trento	ita	219
158	Mustafa, M.	National University of Sciences ar	pak	99
159	Liu, Weimin	CAS - Lanzhou Institute of Chemic	chn	506
160	Qu, Jianmin	Tufts University	usa	151
161	Guo, Zeng-Yuan	Tsinghua University	chn	105
162	Newman Jr., J.C.	Mississippi State University	usa	91
163	Mohamad, A.A.	University of Calgary	can	104
164	Benveniste, Y.	Tel Aviv University	isr	37
165	Bert, Charles W.	University of Oklahoma	usa	86
166	Reid, S.R.	University of Aberdeen	gbr	84
167	Kelly, James M.	University of California at Berkele	usa	73
168	Kleinstreuer, Clement	North Carolina State University	usa	127
169	Prevost, Jean H.	Princeton University	usa	84
170	Kang, Guozheng	Southwest Jiaotong University	chn	145
171	Forrestal, M.J.	Sandia National Laboratories NM	usa	60
172	Akgöz, Bekir	Akdeniz University	tur	34
173	Spalding, D.B.			33
174	Schajer, Gary S.	University of British Columbia	can	54
175	Roache, Patrick J.			18
176	Steinmann, Paul	University of Erlangen-Nurember	deu	223
177	Ostoja-Starzewski, Martin	University of Illinois at Urbana-Ch	usa	98
178	Sutton, Michael A.	University of South Carolina	usa	126
179	Zhao, Ya-Pu	Chinese Academy of Sciences	chn	128
180	Afrand, Masoud			66
181	Durst, F.			196
182	Ke, Liao-Liang	Beijing Jiaotong University	chn	70
183	Fang, Tiegang	North Carolina State University	usa	86
184	Quintanilla, R.	Universitat Politecnica de Catalun	esp	95
185	Peterson, G.P.	Georgia Institute of Technology	usa	130
186	Ponte Castañeda, P.	University of Pennsylvania	usa	86
187	Zhou, Feng	CAS - Lanzhou Institute of Chemic	chn	261
188	Eaton, John K.	Stanford University	usa	129
189	Gao, X.-L.	University of Texas at Dallas	usa	67
190	Lin, Feng	Chinese Culture University	twn	174
191	Kachanov, Mark	Tufts University	usa	91
192	Espinosa, Horacio D.	Northwestern University	usa	138
193	Hsiao, Kai-Long			26
194	Speziale, Charles G.	Boston University	usa	45
195	Bhattacharyya, Krishnendu	Banaras Hindu University	ind	50
196	Khanafer, Khalil			68
197	Qatu, Mohamad S.	Central Michigan University	usa	39
198	Tao, Wen-Quan	Xi'an Jiaotong University	chn	346
199	Schapery, R.A.	University of Texas at Austin	usa	40
200	Kyriakides, Stelios	University of Texas at Austin	usa	132
201	Barretta, Raffaele	University of Naples Federico II	ita	50
202	Ligrani, P.M.	University of Alabama in Huntsvill	usa	131

203	Gad-El-Hak, Mohamed	Virginia Commonwealth Universit	usa	75
204	Budiansky, Bernard	Harvard University	usa	28
205	Yu, Boming	Huazhong University of Science a	chn	107
206	Dell'Isola, F.	University of L'Aquila	ita	97
207	Xue, Qunji	Chinese Academy of Sciences	chn	370
208	Bourdin, Blaise	Louisiana State University	usa	23
209	Deshpande, V.S.	University of Cambridge	gbr	171
210	Khonsari, M.M.	Louisiana State University	usa	177
211	Prime, Michael B.	Los Alamos National Laboratory	usa	43
212	Chen, Li-Qun	Shanghai University	chn	162
213	Karihaloo, B.L.	Cardiff University	gbr	124
214	Wei, Yujie			62
215	Goriely, Alain	University of Oxford	gbr	135
216	Corcione, Massimo	University of Rome La Sapienza	ita	36
217	Breuer, M.	Helmut-Schmidt-University	deu	66
218	Aifantis, Elias C.	Michigan Technological University	usa	42
219	Guo, Wanlin	Nanjing University of Aeronautics	chn	189
220	Yan, Wei-Mon	National Taipei University of Tech	twn	156
221	Weng, G.J.	Rutgers University	usa	109
222	Placidi, Luca			46
223	Shih, C.F.	National University of Singapore	sgp	66
224	Liu, Hao	Shanghai Jiaotong University	chn	81
225	Wang, Moran	Tsinghua University	chn	88
226	Pal, Dulal	Visva-Bharati University	ind	50
227	Day, Ivor	University of Cambridge	gbr	27
228	Ingham, D.B.	University of Sheffield	gbr	219
229	Berto, F.	Norwegian University of Science a	nor	225
230	Reissner, Eric	University of California at San Die	usa	29
231	San Andrés, Luis	Texas A and M University	usa	101
232	Sih, G.C.	Lehigh University	usa	74
233	Mekheimer, Kh.S.	Al-Azhar University	egy	44
234	Benzerga, A.A.	Texas A and M University	usa	55
235	Molinari, A.			117
236	Lewis, R.	University of Sheffield	gbr	151
237	Khan, Masood	Quaid-I-Azam University	pak	123
238	Ebrahimi, Farzad			108
239	Susmel, L.	University of Sheffield	gbr	75
240	Savage, Stuart B.	McGill University	can	36
241	Coussy, Olivier			38
242	Basak, Tanmay	Indian Institute of Technology, M	ind	148
243	Maugin, Gérard A.	Universite Paris 6	fra	124
244	Kaviany, Massoud	University of Michigan	usa	112
245	Lu, T.J.	Xi'an Jiaotong University	chn	87
246	Shi, Weidong	Jiangsu University	chn	263
247	Smith, D.J.	University of Birmingham	gbr	235
248	Hooman, K.	University of Queensland	aus	115
249	Khan, W.A.			113
250	Mohammed, H.A.			106
251	Leissa, Arthur W.	Colorado State University	usa	92
252	Jacobi, Anthony M.	University of Illinois at Urbana-Ch	usa	98
253	Voyiadjis, George Z.	Louisiana State University	usa	170

254	Ishii, Mamoru	Purdue University	usa	185
255	Bui, Tinh Quoc	Tokyo Institute of Technology	jpn	84
256	Schijve, J.	Delft University of Technology	nld	43
257	Huang, Hong-Zhong	University of Electronic Science a	chn	191
258	Hetsroni, G.	Technion-Israel Institute of Techn	isr	68
259	Kumar, Ravi	Indian Institute of Technology Ro	ind	219
260	Tsuji, Yutaka	Osaka University	jpn	32
261	Lubliner, Jacob	University of California at Berkele	usa	25
262	Tzou, Da Yu	University of New Mexico	usa	14
263	Prosperetti, Andrea	Johns Hopkins University	usa	47
264	Sun, Mao	Beihang University	chn	65
265	Sobhy, Mohammed	King Faisal University	sau	22
266	Arndt, Roger E.A.	University of Minnesota	usa	72
267	Pellegrino, S.	California Institute of Technology	usa	114
268	Elishakoff, Isaac	Florida Atlantic University	usa	126
269	Straughan, B.	University of Durham	gbr	89
270	Williams, J.G.	Imperial College London	gbr	81
271	Zhang, P.	Shanghai Jiaotong University	chn	105
272	Green, Albert E.	University of Oxford	gbr	45
273	Jackson, J.D.	University of Manchester	gbr	43
274	Bertoldi, Katia	Harvard University	usa	91
275	Chen, Gang	Massachusetts Institute of Techn	usa	24
276	Finnie, Iain	University of California at Berkele	usa	36
277	Hong, Wei	Hokkaido University	jpn	48
278	Bahadur, S.	Iowa State University	usa	56
279	Martin, J.M.			151
280	Sundén, Bengt	Lund University	swe	233
281	Mahian, Omid	Ferdowsi University of Mashhad	irn	73
282	Ayatollahi, M.R.	Iran University of Science and Tec	irn	160
283	Rittel, D.	Technion-Israel Institute of Techn	isr	119
284	Cheng, Ping	Shanghai Jiaotong University	chn	153
285	Tomiyama, Akio	Kobe University	jpn	87
286	Freund, L.B.	University of Illinois at Urbana-Ch	usa	78
287	Lee, Jaehong	Sejong University	kor	100
288	Mróz, Z.			92
289	Michaelides, Efstathios E.	Texas Christian University	usa	50
290	Ravi-Chandar, K.	University of Texas at Austin	usa	84
291	Briscoe, B.J.	Imperial College London	gbr	138
292	Asghari, M.	Sharif University of Technology	irn	34
293	Aboudi, Jacob	Tel Aviv University	isr	78
294	Barnea, Dvora	Tel Aviv University	isr	61
295	Leblond, Jean-Baptiste	Universite Paris Sorbonne - Paris I	fra	70
296	Rajapakse, R.K.N.D.	Simon Fraser University	can	90
297	Li, Chunyu	Purdue University	usa	53
298	Chen, Chien-Hsin	National Formosa University	twn	24
299	Komvopoulos, K.	University of California at Berkele	usa	158
300	Bower, Allan F.	Brown University	usa	78
301	Palm, Björn	Royal Institute of Technology	swe	74
302	Kamaya, Masayuki			67
303	Steigmann, David J.	University of California at Berkele	usa	67
304	Feng, Xi-Qiao	Tsinghua University	chn	201

305	Sparrow, E.M.	University of Minnesota	usa	233
306	Auriault, J.-L.			61
307	Besson, J.			75
308	Selimefendigil, Fatih	Celal Bayar University	tur	48
309	Eremeyev, Victor A.	Gdansk University of Technology	pol	75
310	Bau, Haim H.	University of Pennsylvania	usa	138
311	Meng, Guang	Shanghai Jiaotong University	chn	287
312	Jirásek, Milan	Czech Technical University	cze	49
313	Tripathi, Dharmendra			66
314	Viola, Erasmo	University of Bologna	ita	84
315	Khodadadi, J.M.	Auburn University	usa	51
316	Daniel, Isaac M.	Northwestern University	usa	98
317	Landis, Chad M.	University of Texas at Austin	usa	53
318	Conrad, Hans	North Carolina State University	usa	61
319	Longo, Giovanni A.	University of Padova	ita	60
320	Abu Al-Rub, Rashid K.			76
321	He, L.	University of Oxford	gbr	81
322	Elices, M.	Universidad Politecnica de Madri	esp	156
323	Erdogan, Fazil	Lehigh University	usa	86
324	Sazhin, S.S.	University of Brighton	gbr	92
325	Abramowicz, W.			13
326	Bég, O. Anwar	University of Salford	gbr	173
327	Fatemi, Ali	University of Toledo	usa	99
328	Christensen, Richard M.	Stanford University	usa	50
329	Bar-Cohen, Avram	University of Maryland	usa	128
330	Kalin, M.	University of Ljubljana	svn	87
331	Lazzarin, P.	University of Padova	ita	121
332	Lagoudas, Dimitris C.	Texas A and M University	usa	174
333	Radaj, D.	Technische Universitat Braunschv	deu	27
334	Levitas, Valery I.	Iowa State University	usa	117
335	Zeeshan, A.			44
336	Paulino, Glaucio H.	Georgia Institute of Technology	usa	194
337	Sedighi, Hamid M.	Shahid Chamran University of Ah	irn	38
338	Meguid, S.A.	University of Toronto	can	137
339	Beni, Yaghoub Tadi	Shahrekord University	irn	61
340	Birman, Victor	University of Missouri at Rolla	usa	88
341	Selvadurai, A.P.S.	McGill University	can	143
342	Chao, Y.J.	University of South Carolina	usa	76
343	Biot, M.A.	Royal Observatory of Belgium	bel	11
344	Sumner, D.	University of Saskatchewan	can	32
345	Zhang, Yinping	Tsinghua University	chn	169
346	Cann, P.M.	Imperial College London	gbr	68
347	Holmberg, Kenneth	VTT	fin	52
348	Tien, Chang-Lin	University of California at Berkele	usa	87
349	Jiang, Yanyao	University of Nevada	usa	81
350	Hodson, H.P.	University of Cambridge	gbr	120
351	Hashim, I.	Universiti Kebangsaan Malaysia	mys	147
352	Dzenis, Yuris A.	University of Nebraska	usa	55
353	Zhou, Min	Georgia Institute of Technology	usa	68
354	Wagoner, R.H.	Ohio State University	usa	102
355	Myers, T.G.			39

356	Childs, T.H.C.	University of Leeds	gbr	65
357	Lu, Guoxing	Swinburne University of Technolo	aus	105
358	Brischetto, S.	Politecnico di Torino	ita	55
359	De Vahl Davis, G.	University of New South Wales	aus	18
360	Wang, Xiaodong	Dalian University of Technology	chn	129
361	Langseth, M.	Norwegian University of Science a	nor	128
362	Krajcinovic, Dusan	Arizona State University	usa	38
363	Biswas, Gautam	Indian Institute of Technology, Gu	ind	193
364	Socie, Darrell F.	University of Illinois at Urbana-Ch	usa	38
365	Sofronis, P.	University of Illinois at Urbana-Ch	usa	59
366	Ohno, Nobutada	Nagoya University	jpn	73
367	Rees, D.A.S.	University of Bath	gbr	82
368	Young, J.B.	University of Cambridge	gbr	44
369	Stoughton, Thomas B.	General Motors	usa	27
370	Neville, A.	University of Leeds	gbr	216
371	Guest, S.D.	University of Cambridge	gbr	50
372	Fiebig, M.	Ruhr-Universitat Bochum	deu	36
373	Shipway, P.H.	University of Nottingham	gbr	117
374	Alderliesten, R.C.	Delft University of Technology	nld	79
375	Achenbach, Jan D.	Northwestern University	usa	100
376	Davidson, Lars	Chalmers University of Technolog	swe	82
377	Hanjalić, K.	Delft University of Technology	nld	101
378	Rigney, D.A.	Ohio State University	usa	51
379	Liu, Dong	Peking University	chn	127
380	Drozdov, A.D.	Aalborg University	dnk	100
381	Ieşan, D.	Al. I. Cuza University	rou	58
382	Youssef, Hamdy M.	Alexandria University	egy	47
383	Vaziri, Ashkan	Northeastern University	usa	99
384	Cotterell, Brian	A-STAR	sgp	41
385	McLaughlin, J.B.	Clarkson University	usa	44
386	Park, Chul			34
387	Polizzotto, Castrenze	Universita di Palermo	ita	41
388	Gorla, Rama Subba Reddy	Purdue University	usa	128
389	Prat, M.	Universite de Toulouse PRES	fra	86
390	Huang, Ping	South China University of Techno	chn	162
391	Yang, Z.J.	Zhejiang University	chn	47
392	Nguyen, Cong Tam	Universite de Moncton	can	45
393	Khoei, A.R.	Sharif University of Technology	irn	83
394	Parks, David M.	Massachusetts Institute of Techn	usa	57
395	He, Zhengjia	Xi'an Jiaotong University	chn	205
396	Chatterjee, Dipankar	CSIR - Engineering	ind	52
397	Hemmat Esfe, Mohammad			81
398	Kato, Koji	Tohoku University	jpn	87
399	Tabor, David	University of Cambridge	gbr	49
400	Ju, J.W.	University of California at Los Ang	usa	81
401	Carpinteri, Andrea	University of Parma	ita	94
402	Rahman, Sharif	University of Iowa	usa	56
403	Aydin, Orhan	Karadeniz Technical University	tur	62
404	Nurick, G.N.	University of Cape Town	zaf	91
405	Garimella, Srinivas	Georgia Institute of Technology	usa	95
406	Bobaru, Florin	University of Nebraska	usa	34

407	Khan, Akhtar S.	University of Maryland Baltimore	usa	48
408	Chyu, Minking K.	University of Pittsburgh	usa	96
409	Xu, Jinliang	North China Electric Power Unive	chn	154
410	Sahmani, S.	Amirkabir University of Technolo	irn	75
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419	Abdel Wahab, M.M.	Ghent University	bel	53
420	Bathias, C.	Universite Paris X Nanterre	fra	70
421	Gupta, N.K.	Indian Institute of Technology, De	ind	100
422	Atkins, A.G.	University of Reading	gbr	57
423	Ho, C.J.	National Cheng Kung University	twn	60
424	Yovanovich, M.M.	University of Waterloo	can	99
425	Réthoré, Julien	Universite de Nantes	fra	61
426	Wang, Yue-Sheng	Beijing Jiaotong University	chn	213
427	Horgan, Cornelius O.	University of Virginia	usa	64
428	Xiang, Y.	University of Western Sydney	aus	80
429	Cumpsty, N.A.	Imperial College London	gbr	49
430	Karimipour, Arash			66
431	Altenbach, Holm	Otto-von-Guericke University	deu	82
432	Heris, Saeed Zeinali	University of Tabriz	irn	72
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440	Calladine, C.R.	University of Cambridge	gbr	40
441	Hutter, Kolumban	ETH Zurich	che	96
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443	Sundar, L. Syam	University of Aveiro	prt	36
444	Chen, John C.	Lehigh University	usa	41
445	Guo, Xu	Dalian University of Technology	chn	80
446	Bhattacharya, Kaushik	California Institute of Technology	usa	88
447	Yousif, B.F.	University of Southern Queenslan	aus	53
448	Sawyer, W. Gregory	University of Florida	usa	125
449	Jiang, Hanqing	Arizona State University	usa	82
450	Ng, Chiu-On	University of Hong Kong	hkg	84
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452	Yu, Wenhua	Argonne National Laboratory	usa	28
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457	Leguillon, D.	Universite Paris Sorbonne - Paris I	fra	57

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459	Qiu, Zhiping	Beihang University	chn	104
460	Onck, P.R.	University of Groningen	nld	83
461	Stanzl-Tschegg, S.E.	University of Natural Resources a	aut	95
462	Kim, Hyungdae	Kyung Hee University	kor	35
463	Nemat-Nasser, Siavouche	University of California at San Die	usa	57
464	Zuber, Novak	U.S. Nuclear Regulatory Commiss	usa	20
465	Lee, Usik	Inha University	kor	55
466	Abbas, Ibrahim A.	King Abdulaziz University	sau	90
467	Chu, Fulei	Tsinghua University	chn	183
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469	Li, D.Y.	University of Alberta	can	162
470	Aliha, M.R.M.	Iran University of Science and Tec	irn	70
471	Soldatos, Kostas P.	University of Nottingham	gbr	40
472	Carbone, G.	Politecnico di Bari	ita	78
473	Wang, Liping	Chinese Academy of Sciences	chn	179
474	Suzuki, Yuji	University of Tokyo	jpn	63
475	Hosseini-Hashemi, Shahrokh	Iran University of Science and Tec	irn	83
476	Blevins, Robert D.			24
477	Bilgen, E.	Ecole Polytechnique de Montreal	can	72
478	Saha, Bidyut Baran	Kyushu University	jpn	150
479	Bijwe, J.	Indian Institute of Technology, De	ind	82
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482	Destrade, M.	National University of Ireland, Ga	irl	79
483	Bigoni, D.	University of Trento	ita	73
484	Beck, James V.	Michigan State University	usa	60
485	Nicholas, Theodore	Wright-Patterson AFB	usa	47
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487	Naghdi, P.M.	University of California at Berkele	usa	57
488	Taitel, Yehuda	Tel Aviv University	isr	49
489	Varol, Yasin	Firat University	tur	70
490	Raptis, A.	University of Ioannina	grc	30
491	Coelho, P.J.	Instituto Superior Tecnico Lisboa	prt	48
492	Chen, Xuefeng	Xi'an Jiaotong University	chn	159
493	Gu, Ming	Tongji University	chn	181
494	Pantokratoras, Asterios	Democritus University of Thrace	grc	44
495	Chandrasekharaiah, D.S.	Bangalore University	ind	19
496	Fischer, Paul F.	University of Illinois at Urbana-Ch	usa	95
497	Wang, B.L.	Harbin Institute of Technology	chn	127
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501	Cheng, Gengdong	Dalian University of Technology	chn	80
502	Guagliano, M.	Politecnico di Milano	ita	86
503	Muzychka, Y.S.	Memorial University of Newfounc	can	71
504	Zhu, W.Q.	Zhejiang University	chn	122
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506	Mazars, Jacky			29
507	Minami, Ichiro	Lulea University of Technology	swe	56
508	Das, Kalidas			50

509	Chau, K.T.	Hong Kong Polytechnic University	hkg	64
510	Kuna, Meinhard	TU Bergakademie Freiberg	deu	103
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519	Kang, Zhan	Dalian University of Technology	chn	72
520	Suresh, S.	National Institute of Technology T	ind	65
521	Rahman, Muhammad M.	Wichita State University	usa	88
522	Zhang, Yihui	Tsinghua University	chn	68
523	Povstenko, Yuriy	Jan Dlugosz University	pol	34
524	Giannakopoulos, A.E.	University of Thessaly	grc	70
525	Wiercigroch, Marian	University of Aberdeen	gbr	126
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527	Chen, Cha'o-Kuang	National Cheng Kung University	twn	172
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529	Maier, G.	Politecnico di Milano	ita	77
530	Igarashi, Tamotsu	National Defense Academy of Jap	jpn	35
531	Drew, Donald A.	Rensselaer Polytechnic Institute	usa	42
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540	Ma, H.B.	University of Missouri	usa	103
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542	Heyman, Jacques	University of Cambridge	gbr	13
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545	Cheng, Junsheng	Hunan University	chn	120
546	Grassl, Peter	University of Glasgow	gbr	26
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548	Zheng, Quanshui	Tsinghua University	chn	92
549	Dular, Matevž	University of Ljubljana	svn	36
550	Wang, Yi-Ze	Beijing Jiaotong University	chn	47
551	Marotti de Sciarra, Francesco	University of Naples Federico II	ita	33
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553	Pang, John H. L.	Nanyang Technological University	sgp	86
554	Kim, Tong Seop	Inha University	kor	56
555	Tanaka, Keisuke	Nagoya University	jpn	27
556	Hild, François			171
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558	Chiang, Ko-Ta	Hsiuping Institute of Technology T	twn	27
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565	Pierron, F.	University of Southampton	gbr	97
566	Hewitt, G.F.	Imperial College London	gbr	104
567	Bair, Scott	Georgia Institute of Technology	usa	103
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570	Wei, Robert P.	Lehigh University	usa	80
571	Giorgio, Ivan	University of Rome La Sapienza	ita	45
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573	Lacroix, Marcel	Universite de Sherbrooke	can	54
574	Shaw, John A.	University of Michigan	usa	37
575	Chai, Herzl	Tel Aviv University	isr	58
576	Van Gorder, Robert A.	University of Oxford	gbr	112
577	Stephen, N.G.	University of Southampton	gbr	32
578	Luo, Xiaobing	Huazhong University of Science a	chn	136
579	Kasagi, Nobuhide	University of Tokyo	jpn	95
580	Aminossadati, S.M.	University of Queensland	aus	40
581	Jackson, Robert L.	Auburn University	usa	80
582	Zheng, Liancun	University of Science and Technol	chn	122
583	Lancaster, J.K.	University of Reading	gbr	28
584	Krajnović, Siniša	Chalmers University of Technolog	swe	49
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588	Sevostianov, Igor	New Mexico State University	usa	103
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610	Ali, Mohamed	King Saud University	sau	54

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624	Li, Q.M.	University of Manchester	gbr	70
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642	Ray, M.C.	Indian Institute of Technology, Kh	ind	68
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645	Di Paola, Mario	Universita di Palermo	ita	90
646	Menezes, Pradeep L.	University of Nevada	usa	65
647	Son, Gihun	Sogang University	kor	46
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653	Peles, Yoav	University of Central Florida	usa	88
654	Hashish, M.			47
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656	Del Col, Davide	University of Padova	ita	70
657	Wang, Xiaobo	CAS - Lanzhou Institute of Chemic	chn	123
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667	Qu, Weilin	University of Hawaii	usa	26
668	Heshmat, Hooshang			62
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679	Takaki, Tomohiro	Kyoto Institute of Technology	jpn	57
680	Bai, Yuanli	University of Central Florida	usa	27
681	Brighenti, Roberto	University of Parma	ita	63
682	Zi, Goangseup	Korea University	kor	72
683	Schiehlen, Werner	Universitat Stuttgart	deu	45
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685	Sneddon, Ian N.	University of Glasgow	gbr	7
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687	Nanbu, Kenichi	Tohoku University	jpn	32
688	Enright, Ryan	Lucent	usa	46
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690	Raju, I.S.	NASA Langley Research Center	usa	45
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694	Owen, J. Michael	University of Bath	gbr	73
695	Robinson, A.J.	Trinity College Dublin	irl	55
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702	Cho, Young I.	Drexel University	usa	85
703	De Souza Mendes, Paulo R.	Pontificia Universidade Catolica d	bra	35
704	Lion, A.	Universitat der Bundeswehr Mun	deu	54
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707	Li, Long-Yuan	University of Plymouth	gbr	70
708	Duan, Huiling	Peking University	chn	74
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710	Gosman, A.D.	Imperial College London	gbr	47
711	Lorente, S.	Universite de Toulouse PRES	fra	122
712	Spakovszky, Z.S.	Massachusetts Institute of Techn	usa	44

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715	Viswanathan, R.	Electric Power Research Institute	usa	36
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717	Van Der Giessen, E.	University of Groningen	nld	130
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725	Yu, T.X.	Hong Kong University of Science a	hkg	160
726	Kysar, Jeffrey W.	Columbia University	usa	61
727	Miller, K.J.	University of Sheffield	gbr	34
728	Wang, Xiaolei	Nanjing University of Aeronautics	chn	73
729	Motta, Arthur T.	Pennsylvania State University	usa	89
730	Gudmundson, Peter	Royal Institute of Technology	swe	33
731	Alpas, A.T.	University of Windsor	can	115
732	Sohankar, A.	Isfahan University of Technology	irn	29
733	Le Quéré, Patrick			50
734	Tu, Shan-Tung	East China University of Science a	chn	235
735	Amon, Cristina H.	University of Toronto	can	99
736	Zhang, Hongwu	Dalian University of Technology	chn	119
737	Jiang, Chao	Hunan University	chn	111
738	Xie, Gongnan	Northwestern Polytechnical Univ	chn	101
739	Huang, Cheng-Hung	National Cheng Kung University	twn	72
740	Feng, Zhi-Gang	University of Texas at San Antonio	usa	29
741	Richard, H.A.	University of Paderborn	deu	34
742	Shukla, Arun	University of Rhode Island	usa	105
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744	Szekrényes, András	Budapest University of Technolog	hun	32
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750	Evans, M.-H.	University of Southampton	gbr	11
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752	Chen, Sheng	University of Nottingham	gbr	56
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757	Sirignano, William A.	University of California at Irvine	usa	31
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762	Azevedo, C.R.F.	Universidade de Sao Paulo	bra	20
763	Kamrin, Ken	Massachusetts Institute of Techn	usa	22

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768	Stack, M.M.	University of Strathclyde	gbr	82
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770	Hu, Gengkai	Beijing Institute of Technology	chn	84
771	Duangthongsuk, Weerapun			17
772	Zhu, Xian-Kui			40
773	Liu, Wei	Columbia University	usa	78
774	Vanka, S.P.	University of Illinois at Urbana-Ch	usa	62
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776	Lee, Kwan-Soo	Hanyang University	kor	118
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778	Cao, Yanping	Tsinghua University	chn	74
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781	Lin, Jaw-Ren	Nanya Institute of Technology Tai	twn	69
782	Bermúdez, M.D.	Universidad Politecnica de Cartag	esp	67
783	Li, Chunxiang	Jilin University	chn	70
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785	Xia, Kaiwen	University of Toronto	can	55
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796	Wu, Cheng-Wei	Dalian University of Technology	chn	115
797	Madenci, E.	University of Arizona	usa	94
798	Green, Itzhak	Georgia Institute of Technology	usa	56
799	Lee, Myoung-Gyu	Seoul National University	kor	129
800	Eslamian, Morteza	Shanghai Jiaotong University	chn	57
801	Reu, Phillip L.	Sandia National Laboratories NM	usa	40
802	Avitabile, Peter	University of Massachusetts Lowe	usa	62
803	Tafti, Danesh K.	Virginia Polytechnic Institute and	usa	97
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805	Lenci, Stefano	Universita Politecnica delle March	ita	112
806	Barati, Mohammad Reza	Amirkabir University of Technolog	irn	62
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808	Xu, Peng	China Jiliang University	chn	42
809	Gnaneswara Reddy, M.	Acharya Nagarjuna University	ind	18
810	Larsson, Roland	Lulea University of Technology	swe	77
811	Hossain, M.A.	University of Dhaka	bgd	94
812	Li, Cheng	Soochow University	chn	25
813	Liu, Wei	Huazhong University of Science a	chn	116
814	Cazzani, Antonio	University of Cagliari	ita	31

815	Yu, Tiantang	Hohai University	chn	49
816	Dunne, F.P.E.	Imperial College London	gbr	60
817	Neff, Patrizio	University of Duisburg-Essen	deu	90
818	Cho, Hyung Hee	Yonsei University	kor	158
819	Yu, Wenbin	Purdue University	usa	77
820	Guha, Abhijit	Indian Institute of Technology, Kh	ind	49
821	Bruhns, O.T.	Ruhr-Universitat Bochum	deu	60
822	Sarafraz, M.M.			42
823	Peyghambarzadeh, S.M.			37
824	Thianpong, Chinaruk	King Mongkut's Institute of Techn	tha	52
825	Shaat, M.	New Mexico State University	usa	25
826	Clayton, J.D.			58
827	Chang, Shuenn-Yih	National Taipei University of Tech	twn	37
828	Ruggieri, Claudio	Universidade de Sao Paulo	bra	45
829	Yavari, Arash	Georgia Institute of Technology	usa	53
830	Lopez-Pamies, Oscar	University of Illinois at Urbana-Ch	usa	40
831	Othman, Mohamed I.A.	Zagazig University	egy	84
832	Salimpour, Mohammad Reza	Isfahan University of Technology	irn	50
833	Savi, Marcelo A.	Universidade Federal do Rio de Ja	bra	67
834	Toghraie, Davood			65
835	Khoshvaght-Aliabadi, M.			36
836	Hashiguchi, Koichi			48
837	Xiao, H.	Jinan University	chn	57
838	Ganghoffer, J.F.			75
839	Peng, Zhongxiao	University of New South Wales	aus	73
840	Arefi, Mohammad	University of Kashan	irn	46
841	Madeo, Angela	INSA de Lyon	fra	41
842	Sahoo, Prasanta	Jadavpur University	ind	81
843	Farokhi, Hamed	McGill University	can	51
844	Cinefra, M.	Politecnico di Torino	ita	57
845	Meneghetti, G.	University of Padova	ita	60
846	Mirsayar, M.M.	Texas A and M University	usa	28
847	Baïri, A.	Universite Paris 13	fra	50
848	Animasaun, I.L.	Federal University of Technology,	nga	21
849	Rionero, Salvatore	University of Naples Federico II	ita	46
850	Abbasi, F.M.	COMSATS Institute of Informatior	pak	49
851	Massoudi, Mehrdad	National Energy Technology Labo	usa	71
852	Awais, Muhammad	COMSATS Institute of Informatior	pak	115
853	Ruggeri, Tommaso	University of Bologna	ita	60
854	Farooq, M.			51
855	Zhang, G.	CAS - Lanzhou Institute of Chemic	chn	56
856	Torabi, A.R.	University of Tehran	irn	60
857	Imtiaz, Maria			46
858	Misyura, S.Y.	RAS - Institute of Thermophysics,	rus	28
859	Rahmani, O.	Zanjan University	irn	40
860	El-Karamany, Ahmed S.			56
861	Piasecka, Magdalena			23
862	Wang, Yan Qing	Northeastern University China	chn	20
863	Wang, Qingshan	Central South University	chn	33

rank (ns)	nc9617 (ns)	h17 (ns)	hm17 (ns)	nps (ns)	ncs (ns)	npsf (ns)	ncsf (ns)	npsfl (ns)
77	2850	30	23,5333	16	441	166	2690	173
173	2570	22	16,7833	68	709	158	1108	591
291	2788	23	17,25	148	233	369	909	817
464	1574	21	15,9167	39	326	71	827	181
601	2226	20	8,3357	3	688	11	861	44
630	1227	13	11,8333	62	915	74	1176	118
637	2614	23	14,7095	23	171	46	389	244
665	1445	13	12	139	709	260	990	524
706	3115	27	15,3555	15	96	40	285	244
760	1175	16	13,3333	103	447	189	876	232
1022	2857	25	13,1516	26	112	59	243	248
1026	1880	25	13,8333	4	69	45	593	90
1108	1127	16	13,1262	68	305	139	613	339
1244	663	14	14	119	603	133	661	136
1304	2620	23	11,8516	28	117	72	224	323
1690	2250	22	11,8361	25	48	60	359	367
1888	1985	19	12,3667	11	32	62	685	240
1890	1101	19	11,8762	71	175	147	369	305
1956	770	14	11,3333	37	270	51	710	60
2062	4390	20	12,9271	4	2	720	1752	970
2152	1126	9	6,8333	18	617	51	921	198
2261	2917	22	14,7333	2	20	73	164	406
2281	1031	13	10,5	53	138	126	792	186
2283	1218	15	9,3333	61	91	165	854	223
2321	1217	15	11,6667	31	177	69	264	231
2531	845	16	12,6667	32	170	63	275	111
2566	847	11	8,626	26	481	57	571	110
2655	2135	18	8,8049	57	33	406	871	655
2798	680	12	9,4167	26	391	67	528	103
2817	1033	19	9,4687	37	142	80	398	122
2866	709	10	8,5	34	427	40	709	41
2956	975	15	9,8333	104	119	185	474	354
3170	758	11	9,25	101	266	161	557	254
3654	1093	14	9,8929	51	94	155	373	318
3656	905	12	8,5833	56	156	133	513	260
3676	1586	20	11,7667	5	10	94	607	180
4024	2921	18	8,9854	19	18	488	470	898
4106	471	10	9,5	37	417	52	471	58
4203	1900	17	7,9405	29	25	439	698	604
4432	601	12	9,8429	66	224	132	373	199
4663	1316	15	10,7833	1	8	223	1031	284
4715	401	11	10,75	35	319	43	365	49
4935	527	10	8,6667	312	330	357	378	425
5147	776	14	8,25	36	73	139	516	197
5236	648	12	7,6167	21	179	35	451	55
5305	4996	36	11,9312	5	1	57	174	199
5321	1117	11	7,2	34	48	76	768	182
5346	984	16	11,95	9	57	28	107	208
5464	1124	15	10,3333	13	38	38	229	273

5602	1326	17	10,8333	5	18	45	339	127
5901	1026	14	9,95	36	65	62	157	266
6249	671	14	9,8929	8	71	37	257	120
6509	1326	16	10,8762	12	19	53	179	251
6563	726	11	8,7667	42	153	68	196	300
6894	612	14	10	16	78	43	180	127
7000	977	15	9,9	19	26	54	215	192
7204	783	12	8,95	5	74	38	232	272
7864	630	13	8,6667	20	66	48	244	145
7929	463	10	8,5833	40	157	79	321	126
7943	580	12	7,5833	17	104	38	307	53
8011	812	12	9,25	34	81	55	137	275
8799	701	12	8,6528	35	87	56	131	254
8921	510	11	8,5833	42	142	56	151	168
9263	606	12	8,7833	24	36	104	338	306
9275	683	12	9	8	56	68	271	136
9368	674	11	7,85	24	91	77	214	207
9422	2024	15	6,7289	21	13	231	371	400
9449	972	14	8,6833	29	30	50	136	175
9540	555	11	8,75	32	70	68	226	137
9558	487	7	6	33	315	74	354	206
9707	668	10	7,75	44	66	156	265	428
9710	448	11	8,0333	34	132	79	196	275
9711	393	10	8,0833	96	172	136	249	173
9745	3088	19	13,7857	25	0	121	93	943
9824	539	5	4,8333	17	484	31	490	104
9831	837	13	7,9419	8	24	32	341	120
10039	332	10	8,8333	23	157	60	272	72
10073	1744	18	11,8869	7	3	36	77	379
10074	876	13	8,5667	36	18	181	267	429
10112	1147	16	9,6929	21	8	95	219	374
10725	736	12	7,7	2	41	25	237	84
10735	617	14	6,6762	6	106	7	131	56
11061	464	13	8,5667	10	92	29	147	75
11242	987	14	7,9865	4	10	40	365	161
11259	444	9	7,75	20	159	21	160	164
11776	448	10	7,1167	47	123	88	205	173
12113	1147	15	9,5	3	2	157	503	259
12476	556	11	7,75	15	41	87	237	225
12549	637	14	8,3012	13	30	32	139	213
12932	731	11	7,9167	12	24	68	265	150
13048	1309	14	10,9554	6	7	37	72	354
13055	1198	16	7,0498	5	3	28	408	175
13098	599	11	8	18	33	96	231	180
13113	632	8	6,5333	84	71	432	294	639
13178	565	10	6,7095	34	40	328	354	450
13240	469	10	7,5	80	83	127	151	229
13509	546	12	5,7694	42	50	85	291	161
13536	470	10	5,55	7	71	48	381	71
13589	513	12	7,3385	19	86	36	119	87
13709	1556	17	7,9382	12	6	36	88	318

13773	771	11	7,9833	11	15	77	227	263
13882	570	10	6,8333	29	79	84	128	447
13919	469	12	7,75	6	61	34	177	78
13952	1362	12	7,7615	9	7	244	282	437
14025	342	7	5,8333	12	195	28	336	43
14082	953	17	7,9663	12	19	45	80	132
14113	548	12	8,5333	2	14	63	317	123
14262	433	7	4,3667	9	250	34	329	62
14330	1137	16	9,8833	1	4	15	121	134
14385	362	10	7,8333	31	103	59	147	126
14573	901	11	6,75	4	6	48	586	187
14741	835	11	7,9476	87	44	179	83	547
14897	385	10	7	42	138	51	154	101
14909	484	11	7,9167	7	40	31	159	103
15250	520	11	9	13	44	23	86	265
15805	577	11	7,65	38	58	61	80	238
15935	223	8	7,5	70	187	82	222	84
16084	414	12	8,8333	12	41	32	161	47
16110	514	10	7,625	17	24	100	248	220
16172	2908	20	10,8909	5	0	39	48	535
16464	754	13	8,7404	4	23	24	90	88
16500	364	9	6,8167	28	77	56	224	115
16652	628	10	8,9444	6	14	47	181	194
16656	401	9	6,9167	11	47	87	303	107
16907	1733	18	8,7036	2	0	213	322	364
17021	454	12	7,2429	3	66	22	111	55
17136	733	12	7,7	12	23	47	90	235
17171	421	9	6,9167	24	66	78	164	117
17250	648	10	6,6881	17	26	97	214	287
17329	324	8	6,3333	34	111	73	223	116
17534	305	8	6,0833	24	170	46	181	145
17540	492	9	5,75	13	28	49	421	68
17632	477	10	7,8762	15	21	119	253	206
17738	280	8	7	24	150	47	176	98
17761	277	9	6,6667	46	117	75	196	103
17810	419	10	7,45	50	65	86	110	242
17983	1038	13	6,5304	3	8	59	308	103
18737	828	13	7,55	3	10	31	107	317
18759	289	8	6,1667	23	155	34	194	77
18879	1180	12	5,7508	23	14	326	253	455
19066	377	10	6,95	6	47	26	180	82
19124	301	8	6,2	28	143	29	157	131
19319	804	11	6,9821	29	26	217	130	383
19340	483	9	7,3333	69	56	180	137	313
19406	567	10	6,5198	6	56	24	143	77
19412	1515	21	6,9116	1	0	38	456	45
19424	461	13	7	14	11	53	310	127
19708	282	9	6,5095	53	90	91	183	97
19709	661	11	7,65	11	15	54	131	238
19741	1759	17	10,8	0	0	59	174	192
19984	277	7	6,5	17	101	53	260	62

20083	261	9	7	36	104	55	163	71
20296	462	10	8	23	42	67	84	245
20613	411	10	6,3504	75	82	132	132	169
20706	594	11	7,6095	18	27	40	94	186
20789	378	9	6,75	26	57	70	150	129
21066	1012	11	6,6385	33	22	79	102	230
21085	451	9	6,9333	4	37	38	213	51
21271	2207	17	10,8702	0	0	29	37	576
21366	763	13	8,95	14	20	31	38	220
21733	500	10	5,9167	8	21	42	211	243
21796	333	9	6	26	57	75	198	152
21926	416	10	6,8667	15	46	52	125	125
22072	235	6	6	34	175	58	222	82
22121	347	9	6,3333	70	45	161	193	257
22155	492	12	7,8333	15	24	53	113	122
22354	313	10	6,5	21	57	60	135	159
22410	701	12	8,6762	7	5	77	149	180
22602	437	10	6,8333	27	61	67	84	140
22861	448	9	6,65	12	32	81	219	117
22889	487	12	7,45	4	9	63	235	93
22914	532	16	9,9167	0	0	27	469	32
23010	826	6	4,8333	76	73	103	74	231
23159	272	8	6,5833	29	102	64	174	98
23212	401	5	4,1667	38	242	47	247	63
23235	586	10	6,9338	13	30	40	77	279
23359	370	7	6	57	92	105	120	201
23401	716	12	6,9151	3	7	34	166	90
23694	716	14	8,95	11	9	28	45	182
23821	455	13	6,869	2	22	19	129	38
23915	746	12	6,5845	32	11	198	112	420
24052	713	15	8,2167	1	0	36	525	39
24116	421	9	5,6667	24	25	78	248	121
24228	265	8	7	68	77	97	126	199
24245	660	12	7,8547	21	15	60	49	247
24300	311	8	6,5833	15	56	29	153	124
24430	1458	15	9,5223	0	0	23	140	152
24437	632	11	8,3667	4	11	17	63	230
24739	526	11	6,7833	21	27	53	101	82
24851	744	13	5,9492	28	12	161	188	246
24861	306	8	7	23	73	42	95	138
25030	944	14	8,7218	9	0	76	218	219
25306	163	7	7	30	159	35	161	40
25310	348	8	5,1167	43	77	67	153	96
25681	243	9	5,6667	16	74	46	199	52
25734	583	10	5,2417	2	6	49	462	69
25804	206	8	6,8333	26	88	53	154	86
25901	1466	15	9,8667	0	0	20	62	583
26070	208	8	6,7833	37	113	50	121	85
26128	655	11	8,6667	7	6	56	88	169
26245	396	13	5,8167	5	13	24	229	39
26367	405	9	6,3762	6	30	85	148	160

26397	269	7	5,5	64	111	91	152	164
26739	222	8	6	7	67	37	212	49
26758	585	10	6,7833	6	12	32	171	77
26806	722	15	9,15	2	0	66	314	94
26923	1729	17	9,1643	0	0	21	35	582
27195	304	9	4,8667	4	64	16	209	19
27227	946	14	8,7353	0	0	37	306	109
27510	588	11	8,6667	14	9	49	57	285
27687	367	8	5,4357	12	56	33	131	48
27723	472	8	6,75	16	18	88	166	275
27867	468	10	6,875	37	13	116	134	256
27960	521	11	5,9643	22	17	39	177	58
27984	1116	12	6,7069	7	6	44	110	127
28215	209	7	5,6667	10	134	30	167	43
28244	315	10	6,7667	4	36	38	134	71
28363	234	8	5,8333	27	101	42	106	116
28372	905	14	6,9949	4	7	37	45	233
28442	634	11	6,7524	16	12	81	117	182
28602	353	9	6,6167	33	55	40	58	216
28631	273	11	6,8667	2	31	17	122	36
28655	364	10	6,8333	8	26	41	101	118
28656	450	12	6,3607	5	15	31	100	110
28674	580	11	7,2667	1	4	62	234	96
28686	246	8	7	10	32	58	223	63
28839	264	9	5,4833	7	95	13	110	28
29055	682	11	6,3929	40	21	122	83	271
29236	515	9	6,75	13	10	103	200	228
29245	145	7	7	78	138	94	143	103
29266	314	7	5,15	39	51	153	214	227
29392	265	6	4,0333	91	129	220	239	270
29434	219	8	6,8333	7	44	39	188	43
29584	346	10	6,5	6	17	30	173	72
29601	461	9	6,5833	7	15	39	162	139
29746	416	9	6,775	19	29	79	117	193
29761	449	10	6,9167	5	7	93	241	121
29767	409	11	7,8333	3	2	136	384	136
29900	239	8	6,3333	17	53	60	161	96
29938	386	8	5,8333	14	47	35	135	65
30272	252	9	5,6667	13	67	33	118	56
30305	461	10	6,3333	13	9	77	188	165
30362	291	7	6,1667	91	69	151	111	316
30382	485	11	8,0869	32	25	48	29	166
30395	410	10	6,8762	4	21	33	109	100
30483	1333	16	7,9869	0	0	88	99	191
30543	625	10	5,8302	17	11	100	152	295
30921	368	8	5,5452	17	40	59	137	137
30965	704	14	7,6167	0	0	89	363	131
31005	690	12	7,475	2	2	51	177	77
31195	276	7	5,8333	30	67	81	124	150
31212	593	12	8,7	3	5	14	52	144
31517	503	9	6,5833	12	5	213	251	316

31941	763	12	8,2	3	0	46	282	242
32334	472	11	6,9135	1	12	22	129	47
32459	198	6	5,0833	49	147	64	163	82
32834	624	11	6,5833	8	9	85	93	263
33091	315	10	7	9	12	76	165	141
33156	1191	15	8,775	1	0	68	176	138
33158	377	8	4,6	8	18	48	286	115
33225	373	7	4,6667	23	29	35	245	48
33423	188	6	4,75	27	161	36	161	48
33466	192	8	6,5	20	63	36	117	68
33808	310	9	6,6667	3	16	24	135	95
33816	159	8	6,8333	11	87	13	96	24
34256	310	10	6,45	25	37	63	83	158
34297	391	9	7,2	10	25	17	49	180
34439	290	7	5,6667	28	40	125	144	220
34617	256	6	5	49	104	60	112	205
34713	276	8	6,5833	22	42	45	77	152
34785	540	12	7,5095	2	2	43	181	93
34855	469	8	5,8333	7	3	84	460	88
34902	257	9	5,8333	7	32	29	122	60
35254	969	16	8,2381	1	0	13	83	68
35439	233	9	5,2139	8	85	11	85	36
35771	205	6	5	5	109	26	145	107
35777	389	11	5,594	4	19	18	136	34
35840	243	8	5,8333	13	44	46	117	124
35873	514	10	5,8845	6	19	54	105	147
36039	710	11	7,3333	15	11	34	27	356
36058	679	14	6,8036	0	0	26	325	41
36252	648	10	7,7	1	0	114	381	174
36284	356	8	5,5833	15	27	60	126	132
36287	986	13	9,6762	3	0	30	75	163
36610	360	8	4,9833	3	23	40	151	199
36616	265	7	5,8167	57	57	85	99	168
36689	405	9	6,9917	4	20	24	54	106
36714	278	7	6	16	48	76	88	212
36773	267	8	6,3333	42	50	73	59	151
37055	306	8	6,95	11	29	36	83	133
37256	434	8	5,5833	26	10	248	220	312
37268	314	10	4,5833	2	20	25	202	44
37553	217	8	5	87	62	142	124	215
37898	226	8	6,0833	6	39	36	118	74
37937	326	9	5,5833	10	21	57	125	105
37942	333	9	6,8333	15	21	47	69	131
38231	548	11	6,85	0	0	64	460	67
38288	116	7	7	27	105	38	113	44
38693	507	8	5,6083	19	22	53	68	239
38725	340	10	6,0444	6	21	27	94	63
38779	378	9	6,2833	7	35	12	42	79
38840	176	6	5,6667	68	77	124	161	139
38987	247	7	5,3667	42	49	60	119	113
39067	1196	16	7,8611	7	0	51	75	197

39142	660	9	6,3667	12	1	273	271	468
39331	214	7	5,6667	25	48	64	137	92
39346	326	10	5,6	4	32	22	75	52
39472	307	11	7	10	2	63	306	65
39727	306	9	6,3167	11	18	68	105	106
39825	547	10	5,1865	17	16	36	47	192
39918	886	11	6,5833	3	9	17	19	350
39987	267	7	5,8333	6	36	32	106	71
40125	227	7	5,3167	15	50	46	147	65
40321	604	12	7,9929	5	1	50	99	133
40464	471	12	7,6667	3	2	24	108	89
40700	353	9	5,5833	33	18	119	85	251
40834	310	9	6,2833	19	34	31	55	69
40920	227	8	4,75	12	50	56	108	191
40975	245	8	5,7095	9	28	50	148	65
41121	399	11	5,9	11	6	50	153	78
41599	270	7	5,9762	20	41	33	95	96
41679	541	10	6,7679	5	3	38	124	167
41861	266	8	4,6667	16	37	86	109	194
41952	235	6	4,7679	43	67	125	143	161
41978	229	8	4,8333	5	28	11	168	20
42200	706	12	6,5667	2	1	49	105	146
42202	571	12	7,6167	0	0	12	188	109
42215	201	5	4,6667	76	88	106	180	114
42355	324	8	5,3984	24	18	85	144	243
42373	382	10	6,7857	2	3	68	189	114
42582	556	11	7,9167	2	0	48	247	105
42688	745	13	8,5845	9	0	78	80	300
42743	181	8	5,1667	37	41	81	151	96
43023	244	6	4,9167	39	40	134	179	167
43364	688	16	6,6167	0	0	13	127	37
43371	996	14	9,7333	2	0	36	33	199
43374	188	7	5,5833	4	33	47	176	53
43640	530	9	6,9833	15	3	91	114	258
43887	276	9	6	4	17	27	107	50
43959	284	7	4,7135	70	37	141	150	183
43960	254	6	3,6028	171	76	297	149	400
44138	290	9	5,1198	6	24	47	111	96
44180	180	4	4	43	173	52	180	52
44236	186	7	4,9833	4	66	26	129	50
44239	846	13	6,818	0	0	35	145	180
44377	266	8	5,8429	12	35	54	84	94
44635	344	10	4,7944	14	5	49	248	77
44643	381	8	6,7667	16	18	57	39	270
44679	343	8	6,25	5	9	36	137	101
44730	487	10	6,8286	11	11	24	51	123
45181	461	10	6,15	5	9	26	46	203
45256	260	8	4,6576	16	62	34	68	89
45440	308	9	6,1944	10	26	16	42	129
45661	506	11	6,8512	10	5	25	48	168
45807	154	7	5,6667	11	55	39	116	60

45952	300	7	4,6333	32	39	91	96	127
46101	594	11	6,7333	2	3	21	96	117
46300	240	7	5,95	19	46	42	91	54
46425	191	5	3,5833	10	136	23	158	48
46450	407	10	5,748	12	6	164	161	244
46487	735	13	8,1167	11	1	21	44	103
46507	155	8	5,8333	44	47	81	101	120
46817	629	10	7,8861	5	2	66	72	262
46881	278	7	4,7833	11	47	34	65	89
47043	512	12	6,6952	1	3	13	77	52
47132	258	7	5,8333	10	19	70	127	178
47281	246	7	5,6667	18	27	75	95	137
47331	189	8	5,4167	19	46	31	86	75
47559	165	8	5,6167	5	40	18	113	35
47578	666	9	6,7167	5	2	53	96	216
47625	269	8	5,8929	4	24	17	71	51
47801	180	7	5,9167	6	49	25	92	93
47894	581	10	6,9	4	3	29	90	89
48038	287	8	6,7333	29	40	44	67	67
48169	264	7	4,6333	51	40	147	90	377
48671	292	8	5,5333	20	28	31	56	137
48676	332	8	4,9	12	19	56	88	166
48858	188	7	5,5	12	44	30	87	111
48906	599	11	6,6874	6	1	80	141	110
48996	186	5	4,5	125	62	267	182	281
49017	141	6	5,5	96	63	137	132	143
49065	156	5	5	18	91	39	129	63
49455	415	9	5,9274	2	9	43	72	110
49472	224	8	5,45	16	21	44	121	104
49497	198	9	5,7	15	45	20	48	61
49550	171	6	3,8333	38	89	63	143	94
49583	138	6	4,6667	65	100	84	118	107
49917	317	7	5,45	77	26	184	66	355
49978	262	8	5,8833	13	37	17	46	89
50230	507	9	5,9536	7	7	96	97	220
50284	225	9	6,8667	4	15	30	79	53
50546	499	11	4,7452	2	4	18	146	57
50593	244	7	4,8667	8	23	115	129	151
50763	339	10	6,3667	10	27	20	29	83
50910	1285	16	9,8274	0	0	14	10	250
51007	182	7	5,3333	11	25	61	152	74
51141	408	12	5,7262	3	0	78	348	85
51200	301	8	5,3269	23	34	39	55	159
51276	175	6	5	42	73	51	79	141
51317	256	6	4,5333	13	48	60	85	124
51638	266	7	4,65	14	14	110	205	122
51776	205	7	5	33	33	92	104	148
51791	292	8	5,6667	6	17	47	103	77
51839	528	13	7,6917	3	0	16	118	91
52080	450	10	5,6762	15	11	66	41	184
52306	269	11	5,3929	3	7	18	101	35

52337	366	12	6,95	0	0	37	251	46
52392	388	8	4,7847	7	16	60	86	157
52456	621	12	7,6095	0	0	37	124	148
52583	460	13	7,4667	0	0	40	111	78
52617	280	9	5,75	3	6	53	182	55
52646	143	6	4,3333	12	78	22	137	23
52894	407	7	4,9275	42	32	77	57	237
52997	326	8	5,5833	10	26	12	30	61
53487	275	8	4,7996	3	19	17	103	60
53489	260	6	4,5833	64	53	98	81	223
53717	519	11	6,575	0	0	35	242	64
53935	97	6	6	78	97	78	97	78
54145	351	12	5,85	5	8	24	64	51
54232	219	8	4,3929	27	45	61	72	155
54328	298	8	5,25	7	6	68	165	162
54452	188	8	4,3409	42	47	72	80	127
54552	324	10	5,3333	1	1	90	309	101
54802	338	8	5	19	28	46	41	211
54926	246	9	4,8833	2	15	37	138	41
55011	894	13	8	2	1	40	20	194
55049	172	6	5	24	35	120	144	155
55050	467	12	7,7833	5	2	28	36	82
55094	300	11	5,9583	19	13	33	53	92
55296	343	11	5,381	3	11	16	75	37
55484	257	7	5,2	21	19	106	127	184
55556	480	10	5,9595	1	1	21	184	36
55651	226	7	5	20	24	82	120	119
56031	282	8	5,8512	2	20	22	61	69
56042	272	10	5,6167	1	9	10	107	43
56173	227	6	4,5929	19	25	84	148	105
56220	168	7	4,2278	55	70	86	94	116
56267	669	11	7	2	0	63	88	232
56402	716	13	9,7833	0	0	14	17	177
56460	172	6	5	32	53	48	82	98
56465	314	8	5,8333	27	16	84	38	232
56796	553	11	6,7	18	1	52	51	283
56845	333	11	6,4	0	0	29	299	34
56863	220	5	3,5357	10	81	24	106	117
57028	376	10	6,2667	1	1	40	167	89
57112	346	8	5,9167	7	8	34	68	124
57118	352	9	6,4167	6	6	35	77	69
57221	549	10	5,9464	2	6	18	40	124
57562	794	13	5,9473	0	0	21	95	57
57597	213	6	4,8333	21	30	63	109	129
57666	619	11	5,9167	0	0	32	123	80
57723	898	11	4,369	0	0	20	291	24
57924	188	5	4,6667	17	37	124	151	147
57998	753	13	4,9274	2	3	21	57	109
58127	322	8	4,5333	15	11	101	112	157
58365	206	7	5,5	34	28	56	60	91
58396	190	6	4,95	11	50	43	88	70

58458	210	6	4,7083	29	20	114	161	164
58727	298	7	5,8333	2	6	64	139	165
59201	364	9	5,15	5	11	20	66	72
59237	299	8	4,825	11	23	39	61	89
59967	215	10	5,0679	1	12	18	107	32
60336	222	8	5,1667	25	15	68	90	130
60365	189	7	4,8922	8	41	14	54	38
60380	167	6	4,8333	16	39	82	105	147
60382	182	5	4,45	35	58	83	102	121
60408	778	11	6,9167	0	0	18	45	294
60421	133	5	4	16	96	30	128	43
60604	411	8	5,8762	11	14	27	27	190
60997	324	9	6,9167	1	1	43	167	63
61288	150	6	4	44	64	67	108	99
61320	253	7	5,95	1	8	39	138	78
61430	665	11	6,7913	1	0	51	121	111
61604	235	8	4,9595	7	29	24	69	88
61771	364	9	6,95	0	0	57	241	92
62000	117	6	4,3333	52	84	70	105	76
62299	209	7	4,6667	13	30	36	68	133
62304	587	11	6,5095	3	0	47	144	97
62400	270	7	4,95	1	17	38	88	79
62475	294	7	4,6623	13	23	48	78	112
62484	377	8	5,9333	5	9	35	55	165
62646	309	8	4,9929	14	15	61	96	73
62691	214	8	5,6667	5	12	45	94	90
63228	153	6	6	21	38	50	73	135
63323	159	7	5,7833	9	44	40	52	122
63331	704	10	6,7262	2	1	16	31	269
63334	337	8	5,3333	14	14	43	29	143
63408	187	8	5,8333	7	17	35	67	80
63628	263	7	4,6167	3	11	50	139	62
63645	125	6	4,6667	21	53	83	114	96
63999	143	6	5,4167	28	59	57	76	79
64110	710	13	7,0429	0	0	27	56	89
64141	439	9	5,7095	5	2	90	90	335
64153	135	6	4,5	142	59	150	93	155
64367	110	5	4,5	39	97	59	110	60
64374	304	9	5,0333	5	15	26	47	101
64420	313	7	5,5	14	6	137	103	224
64481	368	9	5,9833	0	0	157	286	176
64593	658	11	5,9063	5	1	49	46	518
64691	596	11	6,8333	0	0	34	107	63
64817	376	10	7	4	1	31	86	147
64840	373	9	5,9635	6	11	39	31	101
64987	212	7	5,3333	11	16	48	85	120
65078	255	6	4,5833	6	23	60	76	212
65260	211	7	5,0417	8	14	34	133	47
65326	180	6	3,7	5	42	29	121	66
65374	196	7	3,8595	11	47	60	95	84
65396	137	6	4,6667	24	59	52	101	54

65506	305	10	5,1667	18	4	55	103	88
65539	258	6	5	13	31	33	44	173
65686	140	6	4,95	10	37	45	114	66
65696	318	8	5,7595	3	13	23	38	116
65835	100	6	5,5833	55	75	65	76	80
65856	186	5	3,95	30	65	85	92	178
65927	461	10	5,6706	2	1	60	111	170
65935	204	7	5	7	30	29	60	74
66115	624	12	5,8921	0	0	11	99	63
66251	275	8	4,7417	4	6	28	140	64
66522	459	11	6,9693	0	0	28	127	64
66719	465	11	6,7833	0	0	11	117	57
66941	414	9	4,5798	9	6	91	93	168
67430	960	16	3,9834	1	0	28	149	35
67485	99	5	5	75	91	82	95	87
67570	265	8	4,9	10	7	45	125	84
67652	386	8	5,7	8	7	32	49	146
67730	348	7	4,75	8	8	38	77	89
67742	457	9	6,5833	2	0	104	129	324
67885	362	8	5,15	8	7	20	58	120
68113	187	7	5,1667	19	29	63	59	129
68425	112	5	5	40	78	84	88	101
68741	169	7	3,9833	35	48	49	89	80
68763	338	7	4,7576	22	16	63	37	419
68874	243	7	6,5	24	15	47	36	147
68909	182	6	4,3333	27	29	40	108	73
69020	102	6	5,8333	35	58	47	70	70
69124	96	5	5	18	93	23	93	24
69215	181	5	4,5	21	40	66	92	113
69295	140	7	5,6667	7	24	18	74	26
69391	234	8	5,9167	17	15	36	34	99
69799	315	8	4,9286	2	8	34	80	134
69882	189	6	4,3167	7	31	39	88	159
69892	93	5	5	30	92	31	93	32
69939	160	7	4,3167	11	49	28	64	47
70467	261	8	5,8333	3	15	24	30	110
70477	453	11	5,9167	0	0	59	152	129
70627	164	8	4,3667	5	12	29	148	48
70691	160	5	3,8333	9	65	33	96	76
70993	569	12	5,7984	5	0	37	82	118
71034	193	9	4,8679	2	9	24	101	48
71052	183	7	4,95	8	10	44	135	53
71110	259	9	4,8167	24	18	30	32	47
71160	399	11	5,5116	0	0	42	193	62
71234	292	8	4,8012	11	9	63	84	113
71351	217	9	6	1	11	15	55	61
71432	141	6	4,6667	5	34	53	112	83
71471	556	10	5,929	2	1	45	74	179
71873	329	8	5,4333	19	8	60	40	187
72221	149	7	5	7	25	20	80	35
72324	169	7	4,7833	33	29	55	65	97

72332	173	7	4,75	22	19	61	80	155
72355	428	8	5,8667	9	4	23	39	177
72543	845	18	6,3897	6	0	35	21	93
72598	422	8	3,95	8	1	47	262	112
72719	493	11	4,8576	1	3	10	35	48
72818	341	9	4,8504	11	4	48	89	143
72978	287	9	4,8929	35	10	66	42	193
73063	197	6	3,7917	55	35	125	105	149
73948	858	14	8,125	0	0	11	16	107
74074	283	8	5,0774	9	18	16	23	69
74409	205	7	4,5333	15	23	51	50	170
74706	280	9	5,7595	1	6	13	82	18
74745	250	8	4,5278	7	17	26	78	40
74763	157	6	4,1667	19	49	30	67	86
75090	188	7	4,9143	2	17	18	89	53
75091	163	5	3,6762	38	45	73	128	78
75096	170	6	4,0833	64	37	98	71	187
75513	121	4	4	33	91	54	112	59
75662	503	10	5,9333	0	0	28	88	177
75728	360	8	5,7714	5	3	35	58	189
75819	246	9	5,1667	2	5	18	91	36
75874	218	7	4,7679	8	9	49	123	89
75909	696	11	6,3	0	0	56	108	92
75920	100	5	4,5	70	79	85	90	119
76159	172	7	4,8833	16	24	48	71	80
76622	579	11	6,6833	1	0	60	62	281
76700	299	7	4,8095	16	8	99	79	184
76983	173	6	3,1667	19	44	85	103	135
77088	212	6	4,5595	12	13	82	109	151
77215	416	11	5,8333	0	0	38	89	117
77259	158	5	3,8333	179	31	497	138	591
77297	474	11	5,6929	7	3	27	20	144
77384	348	9	5,9333	1	1	43	125	76
77628	170	7	4,826	8	33	21	59	62
77882	439	9	5,5076	7	7	24	12	312
77942	158	6	4,5333	33	20	92	117	112
78059	98	6	4,8333	10	61	12	66	26
78287	270	8	4,2167	11	6	61	113	103
78442	99	6	5,6667	5	37	18	76	36
78563	344	7	3,8123	24	7	92	91	284
78658	614	10	6,9917	1	0	37	61	153
78815	437	7	4,6857	15	8	88	44	323
78953	94	5	5	13	70	25	77	50
79477	457	9	5,519	1	1	38	63	291
79528	372	10	5,7793	3	3	24	38	96
79704	158	6	5	3	20	25	96	56
79889	167	5	3,9826	75	45	223	102	245
79980	244	8	5,5333	1	6	12	76	46
80146	141	8	4,9167	9	32	30	46	54
80205	287	8	4,7429	21	12	44	53	82
80279	224	8	4	11	16	33	62	59

80513	110	8	4,6667	2	25	21	78	26
80542	513	9	5,5784	6	4	46	25	248
80758	113	6	4,2	26	47	44	83	57
80866	353	7	5,1	15	16	22	32	140
80950	510	9	5,1377	2	0	115	168	241
80951	205	7	6	2	3	27	140	55
81085	169	7	4,9083	3	28	17	60	25
81098	539	9	4,9582	1	0	13	161	63
81172	108	6	4,3333	74	51	97	78	111
81354	560	12	8,6583	8	0	53	12	206
81506	432	9	4,8194	0	0	23	223	28
81558	103	5	4	24	73	38	93	55
81623	597	13	7,8833	0	0	10	39	24
81706	340	9	5,6167	4	0	34	176	80
81841	93	5	4,5	62	77	75	79	78
81987	179	7	4,9833	2	30	15	52	37
82112	471	10	4,7819	0	0	11	150	40
82248	583	15	7,7833	1	0	9	13	43
82337	703	14	6,7862	3	0	21	15	220
82442	256	9	4,0833	2	10	15	71	22
82509	319	10	4,8667	0	0	13	235	15
82710	624	11	6,2262	18	2	33	10	252
82748	128	6	4,5	27	40	48	76	52
82804	330	10	4,5111	3	1	55	98	233
82870	147	5	3,8333	25	32	141	126	173
83118	229	7	4,7333	7	7	115	102	212
83221	132	7	4,4167	17	16	37	113	57
83277	391	9	5,95	3	0	66	126	132
83385	263	8	5,3667	2	12	5	23	107
83516	482	10	6,8262	1	0	33	118	49
83541	129	7	4,8333	12	15	54	106	68
83651	173	6	5	14	18	44	58	103
83695	234	8	5,0333	7	4	25	94	102
83886	232	9	5,75	1	3	14	82	53
84008	199	6	4,7833	4	9	69	125	96
84020	283	9	4,85	4	3	71	123	78
84176	159	6	4,6667	11	15	23	107	66
84248	246	7	4,7833	6	12	38	77	54
84338	211	7	4,9556	3	16	24	65	44
84405	314	9	4,7333	2	1	82	165	112
84457	169	8	4,75	4	4	29	164	29
84462	180	6	3,8333	22	29	38	63	195
84531	466	11	6,7298	1	1	13	26	97
84544	113	5	4,4167	77	67	99	72	123
84677	484	9	5,2345	8	2	27	32	141
85031	294	9	5,9357	2	4	31	55	65
85254	599	14	5,6847	0	0	68	71	137
85494	117	6	4,8333	21	26	46	89	57
85756	349	7	3,3817	5	2	67	223	133
85765	155	6	4,6667	10	22	37	75	77
85930	108	4	3,3333	8	102	13	107	20

86175	204	7	5,1667	3	18	10	44	41
86226	261	8	5,6762	3	2	36	98	109
86292	529	10	4,7194	1	1	16	67	68
86483	157	7	4,9167	2	12	21	89	58
86604	202	7	4,8333	12	15	44	52	184
86633	241	9	5,9762	2	0	26	208	36
86893	157	7	4,0833	24	21	93	69	155
86896	453	9	5,8333	0	0	53	102	115
86919	104	5	4,5333	46	53	71	75	83
87070	110	7	4,6667	6	26	24	72	43
87225	103	5	4	39	60	65	87	81
87260	205	7	4,8667	7	13	38	48	73
87311	822	12	6,7833	1	0	14	15	211
87344	103	6	4,1029	6	57	12	78	16
87416	378	10	5,95	0	0	30	112	61
87418	197	7	4,7833	5	11	25	67	58
87475	249	8	5,7	6	1	75	144	141
87508	206	7	4,9917	4	7	48	102	78
87727	313	7	3,9909	1	2	9	178	21
87759	159	5	4,7	16	30	57	83	68
87811	533	13	5,979	0	0	16	51	50
87975	143	6	4,1667	35	36	64	57	129
87999	412	8	5,1667	3	8	15	14	66
88047	189	2	1,8333	7	180	17	186	26
88291	77	5	5	62	67	87	77	95
88401	100	5	4,8333	38	54	93	66	153
88485	537	13	4,5873	0	0	15	129	33
88616	491	11	6,9167	0	0	17	70	73
88702	197	6	4,8333	4	9	49	81	96
88881	272	8	5,95	1	2	40	95	53
89109	216	9	6,25	0	0	24	194	28
89205	314	11	7	0	0	21	66	75
89332	171	7	4,4833	15	21	40	49	131
89381	216	8	5,8	4	10	13	30	62
89432	569	12	6,169	0	0	31	38	94
89498	182	5	3,6667	6	13	78	160	84
89641	81	5	4,5	25	72	31	78	41
89714	535	11	6,8706	1	0	13	29	170
89776	407	8	5,7833	0	0	55	115	182
89843	239	6	4,8333	7	25	27	34	84
89874	513	6	4,6278	2	1	56	89	137
89985	128	5	4,4167	4	35	31	83	66
90189	123	5	4,25	11	47	31	72	69
90195	548	12	4,7759	0	0	32	110	42
90244	170	8	3,8333	8	13	33	84	52
90466	212	6	4,8333	13	15	45	58	88
90607	396	10	4,8921	2	0	26	131	82
90618	420	9	6,45	0	0	10	85	72
90697	254	9	3,6917	10	6	54	78	92
91037	348	9	5,8333	7	2	36	44	86
91113	196	7	4,0667	4	16	19	56	72

91231	238	8	5,8333	3	2	25	66	76
91404	140	7	3,6762	5	27	26	91	30
91438	190	5	3,6429	28	13	95	140	137
91505	184	7	5,45	7	19	15	30	64
91607	415	7	5,25	7	2	32	50	189
91609	424	11	6,2524	0	0	10	81	39
91661	214	8	4,7	7	8	26	57	54
91673	150	5	3,5833	8	33	29	98	96
91733	391	10	6,7595	1	0	20	47	116
91991	392	8	4,9167	0	0	51	193	128
92023	146	6	4,8333	10	29	30	56	64
92374	127	8	4,6167	4	22	15	57	21
92523	580	9	5,9051	3	0	48	40	238
92565	1778	9	3,7504	12	3	18	22	59
92710	110	6	4,3333	20	44	34	55	101
92788	403	10	4,8762	1	0	56	153	91
92992	331	9	5,7492	3	3	39	56	71
93078	123	5	5	15	39	24	49	70
93243	379	9	6,75	0	0	15	47	177
93308	136	6	4,25	8	17	23	99	34
93401	165	7	3,8298	6	26	15	49	70
93495	655	11	5,45	4	1	29	14	292
93516	460	11	5,919	7	1	34	19	217
93767	296	8	4,7667	4	1	143	147	211
93804	347	8	4,9333	0	0	56	204	95
93810	340	8	5,1762	1	0	78	172	145
94105	167	5	3,6667	9	13	118	158	129
94281	178	7	4,8333	3	3	44	156	61
94544	288	8	4,369	10	7	36	68	74
94558	333	8	5,5833	9	5	55	22	237
94680	181	6	4,2	9	11	48	99	83
94698	87	5	4	31	62	41	85	46
94806	151	5	4,8333	49	26	103	48	182
94836	139	7	4,0833	4	15	20	103	26
95093	166	6	4,0833	3	32	5	33	55
95301	326	8	5,1167	1	6	7	25	82
95573	285	8	5,45	1	1	38	120	65
95656	106	6	3,15	4	43	13	101	15
95898	165	7	4,7333	9	16	30	61	46
96078	195	7	3,925	7	12	48	100	51
96087	82	5	4,3333	46	68	53	73	62
96229	449	10	4,1722	3	2	65	45	212
96378	97	4	3,75	35	84	42	85	48
96398	159	6	3,9167	20	31	50	54	139
96784	173	6	4,6667	10	26	13	26	102
96973	282	10	4,8524	2	0	49	142	66
97108	480	9	6,9167	0	0	12	35	149
97144	150	5	3,9167	19	23	97	109	108
97417	283	7	5	6	10	28	22	163
97729	79	6	4,5333	7	41	36	75	47
97762	173	7	4,6667	4	5	18	99	33

97788	199	8	4,5	2	11	17	63	37
97833	495	9	5,8357	0	0	18	104	32
97866	174	5	2,9167	12	56	36	61	131
97906	207	6	4,8667	17	6	74	95	114
97996	237	7	4,95	8	3	64	88	110
98040	311	9	5,4833	0	0	32	126	95
98054	384	10	5,8833	6	5	20	11	121
98122	240	8	3,95	1	1	15	212	16
98138	170	6	3,8333	29	8	104	145	114
98304	356	10	5,3901	0	0	97	129	154
98405	228	6	4,5833	16	17	35	30	103
98583	130	7	5,3333	1	12	13	61	30
98628	439	9	6,9936	0	0	10	33	139
98770	285	8	4,0333	6	5	19	83	43
99020	351	10	4,8278	2	1	37	102	54
99119	183	7	4,5929	6	8	36	89	54
99198	231	5	2,75	2	13	6	170	6
99339	136	5	3,0333	35	46	95	98	111
99412	291	9	4,9833	1	1	18	78	61
99626	165	5	3,6515	14	22	117	105	144
99756	121	6	4,15	2	35	6	63	18
99856	273	9	5,625	5	2	29	61	87
100061	181	6	3,6167	18	21	44	54	125
100359	308	8	5,1667	1	4	37	44	78
102723	243	6	3,8429	3	4	27	158	32
102925	143	5	3,4762	34	21	88	119	95
103043	209	5	3,9167	41	7	229	137	321
103610	443	10	5,8667	0	0	24	61	109
103878	303	11	4,3583	0	0	14	156	17
105948	132	5	3,9167	18	17	67	107	78
106702	284	6	3,9273	1	7	38	54	232
106709	614	13	5,9262	0	0	12	31	34
106719	400	8	4,5833	1	3	38	51	95
106909	293	8	6,5	3	0	37	81	158
106924	176	6	4,6667	19	14	43	34	131
107896	437	9	5,1667	2	0	36	75	94
108492	162	7	4,25	4	9	44	58	76
108766	98	5	4,25	33	48	59	65	69
109230	163	7	3,9381	111	19	169	44	281
110155	255	7	4,9762	9	7	23	25	162
110645	293	8	4,1167	4	8	21	53	41
110958	216	6	3,5833	10	8	86	73	189
111228	220	8	4,6667	8	4	20	40	74
111481	177	5	3,5833	15	19	47	65	177
111964	176	6	3,9833	1	6	28	117	36
111992	79	6	4,6667	16	28	25	63	29
112011	204	6	4,525	2	14	13	31	96
114491	207	5	4,2	4	6	76	99	128
115613	115	7	4,2	6	15	22	72	26
117477	488	10	5,9679	0	0	8	16	149
119420	150	7	4,5833	2	3	23	111	27

120574	214	8	3,7635	11	6	34	71	46
120773	211	7	4,6333	4	6	25	37	91
124187	178	6	3,4833	12	10	54	67	93
125047	415	8	4,9429	0	0	38	45	224
126243	165	6	3,6667	12	6	54	87	180
128657	98	4	3,3333	16	48	36	67	62
129076	181	7	3,95	15	9	46	43	83
130406	141	6	4,25	2	3	40	127	42
131146	201	7	3	1	3	17	116	35
132335	327	10	5,9	0	0	6	35	33
133139	104	5	4	6	12	31	94	38
134509	84	5	3,9167	34	23	62	75	67
135362	68	4	3,8333	74	52	113	66	116
138569	120	6	4,6667	21	11	48	35	138
140388	131	5	3,7	5	12	37	66	74
141196	113	6	3,6667	4	19	24	49	42
142971	122	4	3,1667	13	15	106	103	118
144083	138	6	4,5833	2	13	18	31	44
144578	169	5	4,5833	5	9	24	33	67
144839	251	9	4,9179	1	1	11	42	31
146420	98	6	3,6667	3	7	43	98	43
148086	80	4	3,8333	37	35	63	60	79
152255	121	5	3,5	25	10	60	83	86
153043	192	6	3,1167	18	12	53	25	125
153200	239	7	4,25	2	2	19	34	87
153956	84	4	3	13	34	53	72	61
155187	233	9	4,9167	1	0	19	60	30
170044	154	5	2,8333	7	5	38	84	125
174633	209	7	4,8333	0	0	26	68	49
182330	328	9	3,9409	1	1	19	37	27
183948	113	4	3,3333	5	17	47	49	67
191356	68	5	3,4167	7	18	20	47	27
197194	82	4	2,6667	27	21	63	65	76
197211	108	5	3,9167	2	8	5	27	23
213665	74	4	2,5	39	30	60	39	100
215550	174	7	3,9167	0	0	33	78	40
217088	129	5	2,5333	22	9	68	38	115
222406	262	6	3,8024	2	0	61	58	89
223746	100	5	3,3333	16	11	35	28	83
228820	293	9	4,1	0	0	15	31	20
229294	142	6	2,969	1	2	28	67	35
242310	89	4	2,6667	10	11	65	49	77
245477	251	9	4,8167	0	0	10	32	10
253715	61	4	3,3333	15	24	27	27	36
254592	134	5	3,6667	1	0	17	80	39
355245	86	4	2,9167	9	3	26	32	48
380847	32	3	3	13	22	33	26	49
408976	47	4	2,8333	1	3	26	43	29
414791	87	5	3	0	0	16	45	35

ncsfl (ns)	c (ns)	npciting (ns)	cprat (ns)	self%	rank	nc9617	h17	hm17
2739	4,7751	868	3,283	40,09%	14	4757	41	29,65
2423	4,5528	1379	1,864	8,64%	168	2813	23	17,7
2378	4,4317	1930	1,445	19,70%	212	3472	24	18,45
1484	4,3145	1131	1,392	3,49%	544	1631	21	15,9167
1542	4,2578	1299	1,714	0,18%	696	2230	20	8,3357
1227	4,2396	724	1,695	0,08%	747	1228	13	11,8333
1909	4,2382	1721	1,519	3,15%	707	2699	23	15,0845
1388	4,2254	821	1,760	7,31%	741	1559	13	11,5
1997	4,2106	1820	1,712	7,18%	751	3356	27	15,9484
1140	4,1940	499	2,355	7,41%	809	1269	16	13,1667
1556	4,1193	2087	1,369	4,16%	1138	2981	25	13,9433
1380	4,1185	629	2,987	17,58%	812	2281	28	15,2
1076	4,1005	667	1,690	10,77%	967	1263	17	14,6262
663	4,0727	383	1,731	7,27%	1163	715	15	15
1568	4,0619	1637	1,600	13,50%	1081	3029	25	13,0683
1761	3,9990	1601	1,405	9,38%	1736	2483	22	12,7028
1475	3,9714	1286	1,543	4,11%	2105	2070	19	12,6167
851	3,9711	478	2,303	5,49%	2036	1165	20	11,8762
749	3,9610	633	1,216	0,00%	2324	770	14	11,3333
2267	3,9444	1891	2,316	49,90%	262	8762	33	20,9929
1082	3,9302	990	1,137	0,00%	2562	1126	9	6,8333
1935	3,9170	1327	2,198	26,97%	1259	3994	26	19,8167
963	3,9154	653	1,579	0,58%	2714	1037	13	10,5
1202	3,9152	711	1,713	0,33%	2723	1222	15	9,3333
1034	3,9112	844	1,442	6,17%	2456	1297	16	12
822	3,8881	389	2,172	14,56%	1742	989	19	14,5
697	3,8825	732	1,157	2,31%	2999	867	11	8,7688
1062	3,8730	1805	1,183	6,73%	2803	2289	20	8,6244
618	3,8589	467	1,456	1,73%	3303	692	12	9,4167
612	3,8571	739	1,398	2,36%	3372	1058	19	9,4687
709	3,8521	456	1,555	0,14%	3443	710	10	8,5
874	3,8441	470	2,074	4,04%	3430	1016	15	9,8333
739	3,8270	480	1,579	4,65%	3184	795	12	9,75
850	3,7885	700	1,561	31,26%	2093	1590	17	11,6762
842	3,7884	511	1,771	24,14%	2243	1193	14	10,4167
1135	3,7860	858	1,846	22,93%	2768	2058	24	12,75
877	3,7612	2726	1,072	7,85%	4322	3170	19	8,9598
471	3,7553	419	1,124	0,00%	4929	471	10	9,5
861	3,7489	1702	1,116	12,40%	3865	2169	18	8,7651
477	3,7347	358	1,668	39,17%	2108	988	14	11,8429
1189	3,7194	630	2,086	27,45%	2942	1814	18	12,8
386	3,7159	182	2,203	14,13%	4000	467	12	12
511	3,7018	359	1,468	8,19%	4963	574	11	8,6667
673	3,6902	405	1,916	19,92%	3521	969	15	9,8929
550	3,6847	198	3,273	3,71%	6021	673	12	7,6167
820	3,6801	2661	1,877	12,99%	5407	5742	38	12,6134
1050	3,6795	899	1,242	1,41%	5900	1133	12	7,2
893	3,6778	580	1,697	20,39%	3950	1236	17	12,95
887	3,6718	759	1,481	9,21%	6002	1238	15	10,5833

706	3,6649	727	1,824	16,87%	4793	1595	19	11,8333
811	3,6492	495	2,073	15,76%	6179	1218	14	9,95
573	3,6320	390	1,721	6,93%	7072	721	15	9,5595
929	3,6200	922	1,438	12,30%	5892	1512	17	12,1262
593	3,6176	407	1,784	10,70%	6479	813	11	9,7444
595	3,6032	433	1,413	4,23%	7517	639	15	9,75
883	3,5988	542	1,803	3,55%	7856	1013	16	9,9
619	3,5900	316	2,478	13,10%	6671	901	13	9,6167
579	3,5633	467	1,347	5,55%	8659	667	13	8,9167
390	3,5603	256	1,809	12,31%	7045	528	11	9,5833
482	3,5597	395	1,468	9,66%	7035	642	13	8,8333
614	3,5570	522	1,556	24,04%	5989	1069	14	9,75
610	3,5279	542	1,293	3,44%	9857	726	13	8,5417
492	3,5239	349	1,461	4,49%	10132	534	11	8,5833
568	3,5114	463	1,309	6,34%	9741	647	13	8,7833
365	3,5110	431	1,585	20,40%	7291	858	14	10,4167
458	3,5078	408	1,652	15,64%	8196	799	12	8,6833
542	3,5057	1930	1,049	6,51%	10850	2165	15	6,6849
776	3,5049	572	1,699	5,63%	10730	1030	14	8,9333
498	3,5017	255	2,176	13,95%	8599	645	13	9,0833
439	3,5012	344	1,416	4,32%	10414	509	7	6,5
596	3,4965	453	1,475	19,71%	6947	832	11	9,25
417	3,4965	344	1,302	2,40%	11089	459	11	8,3667
331	3,4964	291	1,351	4,84%	10133	413	11	8,4167
2384	3,4951	1532	2,016	22,18%	7618	3968	23	15,5357
529	3,4927	519	1,039	0,00%	11700	539	5	4,8333
575	3,4924	669	1,251	8,22%	10826	912	14	7,8085
284	3,4866	246	1,350	6,74%	10696	356	11	8,8333
1630	3,4854	1119	1,559	21,34%	8367	2217	22	13,0893
739	3,4854	623	1,406	9,78%	10531	971	13	8,8167
737	3,4842	866	1,324	12,38%	10361	1309	17	9,7929
521	3,4656	568	1,296	7,88%	11639	799	13	7,5333
413	3,4652	417	1,480	4,34%	12113	645	14	6,8429
318	3,4552	270	1,719	13,75%	11075	538	14	8,8167
630	3,4502	499	1,978	19,56%	8536	1227	16	9,3711
440	3,4498	274	1,620	9,39%	10855	490	10	8,6667
382	3,4338	304	1,474	18,40%	9999	549	11	8,1167
709	3,4244	591	1,941	21,17%	9548	1455	17	10,9167
486	3,4145	413	1,346	5,12%	13598	586	12	7,75
511	3,4126	478	1,333	3,19%	13787	658	14	8,8845
498	3,4028	538	1,359	9,42%	12283	807	12	9
961	3,3996	894	1,464	8,08%	12977	1424	15	10,9554
892	3,3993	896	1,337	8,55%	12381	1310	16	7,3927
459	3,3980	485	1,235	22,61%	11396	774	12	8,75
472	3,3976	460	1,374	25,12%	9146	844	10	7,3667
474	3,3959	392	1,441	14,00%	13888	657	10	6,7095
458	3,3946	257	1,825	1,26%	15865	475	10	7,5
430	3,3878	389	1,404	3,02%	15671	563	12	5,9361
411	3,3873	346	1,358	3,29%	15919	486	10	5,55
340	3,3860	272	1,886	3,57%	14514	532	13	7,8385
990	3,3830	1237	1,258	7,82%	14135	1688	18	8,7157

724	3,3815	567	1,360	5,51%	15562	816	12	7,7333
514	3,3792	458	1,245	1,04%	16514	576	10	6,9242
290	3,3783	369	1,271	4,29%	16396	490	12	7,75
618	3,3776	1214	1,122	6,90%	15148	1463	13	7,7548
342	3,3761	287	1,192	0,00%	16861	342	7	5,8333
497	3,3748	660	1,444	8,54%	15739	1042	18	7,9135
501	3,3742	238	2,303	19,05%	11544	677	12	9,8667
401	3,3708	377	1,149	0,00%	17077	433	7	4,3667
798	3,3696	786	1,447	9,04%	14397	1250	17	10,8595
328	3,3683	279	1,297	10,62%	13785	405	11	8,5833
755	3,3640	707	1,274	6,24%	15857	961	11	6,9167
484	3,3602	668	1,250	22,54%	12648	1078	13	8,7893
251	3,3564	190	2,026	6,78%	16200	413	10	7,3333
456	3,3562	221	2,190	20,79%	10307	611	12	9,9167
478	3,3482	360	1,444	1,70%	17374	529	12	9
466	3,3369	478	1,207	4,63%	16994	605	12	7,9
222	3,3338	134	1,664	23,37%	13581	291	8	7,5
248	3,3309	188	2,202	24,45%	10169	548	13	9,75
491	3,3305	389	1,321	3,75%	18837	534	10	7,7083
1582	3,3293	1417	2,044	55,03%	4015	6467	32	19,3722
378	3,3235	576	1,309	9,92%	18347	837	13	8,9666
327	3,3228	254	1,433	19,29%	14316	451	10	7,0667
589	3,3197	406	1,547	9,77%	17915	696	11	8,7778
350	3,3196	199	2,010	43,76%	6590	713	14	9,75
724	3,3147	1488	1,165	10,44%	17761	1935	19	8,9536
272	3,3122	304	1,493	19,65%	15521	565	14	7,4929
558	3,3099	443	1,655	3,55%	19929	760	12	7,7
390	3,3091	309	1,362	3,00%	20271	434	9	6,9167
462	3,3074	441	1,469	11,72%	15487	734	10	7,6548
317	3,3057	263	1,232	0,00%	20817	324	8	6,3333
276	3,3018	255	1,196	1,61%	20277	310	8	6,3333
475	3,3017	420	1,171	1,60%	19024	500	9	6,4167
403	3,2996	320	1,491	6,29%	20505	509	10	7,9762
239	3,2975	209	1,340	4,76%	19511	294	8	7,3333
252	3,2971	203	1,365	1,07%	21220	280	9	6,6667
352	3,2963	322	1,301	1,18%	21378	424	10	7,45
360	3,2929	925	1,122	12,92%	18707	1192	13	6,9546
648	3,2792	569	1,455	13,93%	18134	962	14	7,8833
230	3,2788	221	1,308	3,34%	22177	299	8	6,1667
303	3,2767	1118	1,055	7,52%	19848	1276	13	5,9508
318	3,2734	207	1,821	17,32%	15195	456	12	8,3667
279	3,2725	173	1,740	5,05%	22308	317	8	6,2
313	3,2693	692	1,162	8,32%	21257	877	12	6,8654
283	3,2689	350	1,380	8,35%	19984	527	10	7,5833
247	3,2677	404	1,403	13,57%	18479	656	10	7,6864
462	3,2676	1015	1,493	10,14%	19901	1686	22	7,4751
374	3,2674	239	1,929	35,43%	8848	714	15	8,8333
267	3,2625	250	1,128	6,00%	22219	300	9	6,5095
502	3,2625	486	1,360	15,15%	19091	779	12	7,9833
510	3,2618	1213	1,450	21,40%	16160	2238	19	12,3333
264	3,2572	221	1,253	1,77%	22335	282	7	7

214	3,2553	203	1,286	5,43%	22707	276	9	7
364	3,2518	297	1,556	2,53%	24091	474	10	8
209	3,2468	315	1,305	4,42%	23965	430	10	6,3433
357	3,2452	475	1,251	9,86%	22236	659	12	7,6929
309	3,2440	266	1,421	6,90%	23018	406	9	7,0833
324	3,2398	902	1,122	20,94%	14027	1280	13	7,1961
259	3,2394	320	1,409	45,13%	7716	822	15	9,75
1522	3,2363	1617	1,365	14,02%	19840	2567	19	11,3024
404	3,2347	524	1,456	10,02%	22654	848	14	8,8667
468	3,2285	293	1,706	6,72%	23623	536	11	5,9167
299	3,2276	243	1,370	8,26%	24386	363	9	6
275	3,2257	348	1,195	5,02%	24343	438	10	7,3167
234	3,2233	199	1,181	0,42%	26409	236	6	6
318	3,2226	248	1,399	0,57%	26551	349	9	6,3333
247	3,2222	315	1,562	4,65%	26158	516	12	7,8333
284	3,2187	203	1,542	4,28%	24495	327	10	7
479	3,2179	480	1,460	4,37%	26299	733	12	8,6762
264	3,2154	367	1,191	4,17%	26408	456	10	6,8333
249	3,2115	230	1,948	22,76%	19166	580	10	7,8
333	3,2111	220	2,214	1,42%	27494	494	12	7,45
506	3,2107	263	2,023	10,44%	24606	594	17	9,9167
825	3,2093	785	1,052	0,00%	27582	826	6	4,8333
180	3,2073	196	1,388	5,88%	24857	289	8	6,8333
250	3,2064	346	1,159	0,74%	27671	404	5	4,1667
414	3,2061	398	1,472	23,40%	21111	765	11	6,6838
352	3,2042	300	1,233	14,15%	22931	431	8	6
471	3,2037	508	1,409	12,79%	21453	821	13	7,8817
499	3,1994	559	1,281	5,79%	28231	760	14	8,7
235	3,1975	167	2,725	55,35%	6803	1019	21	9,0857
452	3,1961	589	1,267	3,24%	27114	771	12	6,9845
535	3,1940	407	1,752	9,97%	25095	792	15	9
377	3,1931	313	1,345	3,88%	26449	438	10	5,75
258	3,1915	101	2,624	20,66%	20487	334	9	7,3333
525	3,1913	501	1,317	7,69%	28693	715	12	7,6047
296	3,1903	180	1,728	19,43%	22340	386	9	6,5833
672	3,1885	1087	1,341	12,17%	25323	1660	16	9,9223
581	3,1884	449	1,408	7,60%	27951	684	11	8,5333
271	3,1843	350	1,503	4,88%	28215	553	11	6,9833
230	3,1828	673	1,106	6,53%	28578	796	13	6,0214
291	3,1827	205	1,493	19,26%	21638	379	10	7,5
876	3,1803	683	1,382	7,18%	27086	1017	15	8,8885
162	3,1765	88	1,852	16,41%	24785	195	7	7
302	3,1764	306	1,137	1,42%	30109	353	8	5,1167
199	3,1716	179	1,358	15,63%	20074	288	9	7,6667
487	3,1710	510	1,143	6,27%	22047	622	11	6,825
198	3,1700	138	1,493	0,00%	31036	206	8	6,8333
1156	3,1688	1058	1,386	14,37%	25396	1712	16	10,9
188	3,1668	150	1,387	3,70%	30934	216	8	6,7833
531	3,1660	370	1,770	12,08%	25227	745	12	8,8333
283	3,1647	135	2,933	12,20%	24574	451	14	6,8167
303	3,1632	230	1,761	19,64%	26431	504	9	6,5762

250	3,1628	224	1,201	3,58%	28251	279	8	5,625
220	3,1582	204	1,088	1,77%	31545	226	8	6
314	3,1578	286	2,045	8,74%	28694	641	11	6,7833
471	3,1572	187	3,861	20,13%	22062	904	18	9,9
1427	3,1557	1431	1,208	7,49%	28162	1869	18	9,8405
212	3,1520	192	1,583	1,62%	31256	309	9	5,1167
459	3,1517	542	1,745	14,70%	26993	1109	15	9,2353
514	3,1477	382	1,539	9,95%	31471	653	11	8,6667
302	3,1453	288	1,274	8,02%	27889	399	9	5,5786
368	3,1447	252	1,873	22,88%	20035	612	10	8
385	3,1428	334	1,401	10,52%	26000	523	11	7,7083
226	3,1417	451	1,155	10,33%	29774	581	12	5,9643
312	3,1414	924	1,208	16,15%	22974	1331	13	7,7504
171	3,1384	176	1,188	8,73%	29970	229	7	6
189	3,1380	267	1,180	7,89%	30237	342	10	6,9333
234	3,1365	138	1,696	0,00%	34053	234	8	5,8333
509	3,1364	722	1,253	9,86%	32046	1004	14	6,8961
284	3,1355	411	1,543	22,68%	29537	820	12	6,7024
317	3,1335	261	1,352	19,22%	22141	437	10	7,6167
212	3,1331	121	2,256	32,09%	22144	402	12	7,4167
290	3,1328	263	1,384	1,62%	34293	370	10	6,8333
349	3,1328	309	1,456	12,45%	28378	514	12	6,7774
357	3,1326	431	1,346	8,95%	28955	637	12	7,9667
223	3,1325	204	1,206	2,77%	34294	253	8	6,8333
184	3,1304	133	1,985	1,86%	34354	269	9	5,4833
221	3,1276	544	1,254	16,22%	28121	814	12	6,9524
333	3,1256	207	2,488	59,16%	5530	1261	14	10,7833
144	3,1255	117	1,239	0,00%	35171	145	7	7
287	3,1252	147	2,136	2,48%	31375	322	7	5,8167
259	3,1239	226	1,173	2,93%	34270	273	6	4,0333
204	3,1233	119	1,840	3,10%	34587	226	8	6,8333
278	3,1212	222	1,559	19,35%	24097	429	12	6,95
308	3,1209	336	1,372	11,85%	29265	523	10	6,5833
215	3,1191	304	1,368	21,66%	31127	531	9	6,9167
317	3,1189	231	1,944	33,87%	17673	679	13	8,75
384	3,1189	199	2,035	68,51%	2394	1299	22	14,3667
204	3,1172	141	1,695	25,08%	22511	319	9	6,8333
213	3,1168	323	1,195	0,77%	35635	389	8	5,8333
204	3,1129	208	1,212	3,45%	34023	261	9	6
364	3,1125	296	1,557	31,09%	17757	669	11	7,6667
245	3,1118	198	1,470	25,95%	24017	393	8	6,8333
351	3,1116	404	1,201	10,52%	34297	542	11	8,2536
238	3,1114	322	1,273	3,07%	34005	423	11	6,8762
658	3,1105	1077	1,238	13,94%	30165	1549	17	8,8457
327	3,1096	466	1,341	23,69%	24394	819	11	6,9226
265	3,1052	274	1,343	20,86%	27124	465	9	6,1048
457	3,1047	495	1,422	10,55%	32258	787	15	7,95
415	3,1043	519	1,329	7,01%	31357	742	12	7,8083
247	3,1018	202	1,366	1,78%	37059	281	7	5,8333
515	3,1017	424	1,399	6,91%	34136	637	13	8,7333
430	3,0982	338	1,488	26,46%	18161	684	11	7,8333

564	3,0936	446	1,711	24,90%	27362	1016	13	9,5333
203	3,0893	196	2,408	37,89%	13681	760	15	8,873
178	3,0879	177	1,119	1,98%	38589	202	6	5,0833
310	3,0834	474	1,316	11,49%	34424	705	12	6,8167
254	3,0804	248	1,270	0,63%	39825	317	10	7
268	3,0797	1068	1,115	4,03%	37429	1241	16	8,9417
348	3,0797	301	1,252	0,79%	37145	380	9	4,6
311	3,0790	351	1,063	1,84%	39277	380	7	4,6667
181	3,0771	136	1,382	0,00%	40067	188	6	4,75
181	3,0766	163	1,178	0,52%	40197	193	8	6,5
308	3,0732	124	2,500	13,17%	29113	357	10	8
159	3,0732	96	1,656	20,50%	29021	200	9	7,3333
171	3,0684	200	1,550	13,89%	36598	360	10	6,7833
336	3,0677	250	1,564	9,07%	35433	430	10	7,5333
267	3,0662	199	1,457	17,85%	28107	353	8	6,9167
246	3,0641	167	1,533	7,58%	39379	277	6	5
258	3,0631	207	1,333	10,10%	41387	307	8	6,25
335	3,0625	393	1,374	10,74%	37182	605	12	7,9262
462	3,0616	294	1,595	0,00%	41982	469	8	5,8333
241	3,0611	145	1,772	3,38%	38938	266	9	6,0833
586	3,0575	624	1,553	12,07%	36192	1102	17	8,5976
164	3,0559	210	1,110	0,43%	42225	234	9	5,2139
198	3,0526	162	1,265	0,00%	42890	205	6	5
168	3,0526	285	1,365	10,98%	38864	437	11	5,7369
218	3,0519	162	1,500	0,00%	43120	243	8	5,8333
178	3,0515	325	1,582	9,19%	39244	566	11	5,8504
427	3,0499	572	1,241	17,44%	32697	860	12	7,7083
407	3,0497	426	1,594	23,19%	31014	884	17	7,7869
528	3,0478	312	2,077	36,90%	18717	1027	14	10,9833
252	3,0475	243	1,465	16,24%	33854	425	9	5,9167
594	3,0475	795	1,240	10,04%	36314	1096	14	10,9262
313	3,0440	264	1,364	15,69%	39309	427	8	4,9833
218	3,0439	221	1,199	3,28%	44288	274	7	5,5667
314	3,0431	282	1,436	16,15%	39351	483	10	6,7833
260	3,0428	235	1,183	8,85%	40246	305	7	6,3333
258	3,0421	226	1,181	2,20%	39498	273	8	6,8333
222	3,0393	233	1,313	6,13%	44291	326	8	6,75
300	3,0372	358	1,212	3,56%	44150	450	8	5,5905
221	3,0371	200	1,570	5,71%	43040	333	10	4,5833
192	3,0343	178	1,219	14,23%	36575	253	8	5,5
193	3,0308	142	1,592	3,00%	44907	233	8	6,0833
240	3,0304	191	1,707	15,76%	39534	387	9	5,9167
262	3,0304	259	1,286	7,24%	41286	359	9	7,4762
461	3,0276	434	1,263	2,66%	45460	563	11	6,85
115	3,0271	101	1,149	0,00%	46197	116	7	7
325	3,0233	417	1,216	5,23%	38695	535	9	6,4417
189	3,0229	261	1,303	9,33%	43617	375	10	6,2111
252	3,0224	317	1,192	10,43%	41588	422	9	6,95
164	3,0218	126	1,397	28,74%	24337	247	8	6,6667
220	3,0206	146	1,685	15,12%	35636	291	9	5,5667
408	3,0198	1000	1,196	8,91%	43548	1313	16	8,0278

513	3,0192	530	1,245	7,17%	42575	711	9	6,9
190	3,0175	159	1,346	9,70%	38542	237	8	6
180	3,0173	245	1,331	6,05%	46311	347	10	5,6
306	3,0163	158	1,943	24,01%	31988	404	12	8,3333
225	3,0140	165	1,855	23,12%	29555	398	11	6,9833
426	3,0131	386	1,417	13,72%	39773	634	12	5,1865
539	3,0124	719	1,232	9,68%	41235	981	11	7,6
240	3,0117	212	1,259	2,91%	46364	275	7	5,9583
173	3,0102	147	1,544	31,21%	25351	330	8	7,4833
436	3,0082	354	1,706	30,81%	23534	873	17	9,9929
355	3,0070	338	1,393	4,27%	47561	492	12	7,6667
302	3,0050	309	1,142	2,49%	47967	362	9	5,5833
199	3,0039	238	1,303	7,19%	46251	334	9	6,5333
222	3,0031	148	1,534	0,00%	49164	227	8	4,75
178	3,0024	166	1,476	4,30%	43297	256	9	5,8762
247	3,0012	282	1,415	27,19%	27175	548	13	7,95
187	2,9969	160	1,688	11,76%	43744	306	8	6,0429
352	2,9962	355	1,524	20,09%	36999	677	11	7,2956
251	2,9946	193	1,378	1,85%	49778	271	8	4,6667
187	2,9938	158	1,481	29,22%	33360	332	7	5,1095
229	2,9935	120	1,908	0,00%	50470	229	8	4,8333
491	2,9916	487	1,450	30,92%	27540	1022	13	7,7667
495	2,9915	410	1,393	12,96%	42727	656	12	8,6167
186	2,9914	173	1,162	5,63%	46720	213	5	4,6667
227	2,9901	262	1,237	15,18%	38745	382	9	5,8984
299	2,9900	285	1,340	6,60%	48428	409	10	6,7857
403	2,9882	226	2,460	40,79%	22130	939	16	11
547	2,9873	507	1,469	12,25%	46039	849	13	8,7845
169	2,9869	115	1,574	16,97%	38904	218	9	5,8333
213	2,9843	141	1,731	39,00%	23336	400	8	5,9
431	2,9815	337	2,042	16,81%	38920	827	17	7,8667
588	2,9814	664	1,500	8,54%	47539	1089	15	9,7333
181	2,9814	92	2,043	12,56%	39802	215	8	5,9167
378	2,9787	448	1,183	13,68%	36339	614	11	7,9833
203	2,9768	151	1,828	47,13%	11392	522	14	9,8333
180	2,9763	227	1,251	15,48%	46911	336	7	4,6913
233	2,9763	181	1,403	25,07%	29674	339	7	4,6028
186	2,9747	242	1,198	10,22%	48122	323	9	5,4531
180	2,9745	173	1,040	0,00%	52747	180	4	4
144	2,9740	136	1,368	8,82%	46328	204	8	4,9833
412	2,9740	571	1,482	14,29%	41396	987	13	7,8847
162	2,9728	160	1,663	6,01%	53121	283	8	5,1679
307	2,9706	289	1,190	10,65%	47672	385	10	5,1056
347	2,9705	340	1,121	0,26%	53722	382	8	6,7667
265	2,9702	211	1,626	14,04%	40778	399	10	6,7333
212	2,9697	256	1,902	2,79%	52278	501	10	6,9952
383	2,9661	365	1,263	15,26%	45200	544	11	6,4833
177	2,9655	239	1,088	7,47%	47570	281	9	4,9671
245	2,9640	247	1,247	8,88%	51323	338	9	6,3611
357	2,9623	372	1,360	11,85%	46644	574	12	6,744
152	2,9611	97	1,588	3,14%	52735	159	7	5,8333

226	2,9600	253	1,186	5,36%	52280	317	7	4,8
238	2,9589	370	1,605	8,62%	47329	650	12	7,2333
131	2,9573	156	1,538	35,14%	18073	370	10	8,4167
179	2,9562	175	1,091	0,52%	55243	192	5	3,5833
190	2,9560	378	1,077	7,50%	53591	440	10	5,8194
395	2,9558	420	1,750	10,15%	50154	818	13	8,7
139	2,9556	120	1,292	0,64%	55722	156	8	5,8333
322	2,9531	491	1,281	12,64%	49471	720	11	7,8861
255	2,9526	207	1,343	4,47%	54957	291	7	4,7833
270	2,9512	252	2,032	3,40%	54272	530	12	6,8619
222	2,9505	172	1,500	4,80%	54121	271	7	5,9167
228	2,9491	167	1,473	9,56%	49532	272	8	5,5
155	2,9487	137	1,380	2,07%	53186	193	8	5,9167
140	2,9470	114	1,447	14,95%	47922	194	9	5,6167
399	2,9469	423	1,574	11,90%	50220	756	10	6,7167
216	2,9466	194	1,387	3,93%	54078	280	8	6,2262
144	2,9452	91	1,978	0,55%	57171	181	7	5,9167
258	2,9444	442	1,314	4,60%	53721	609	11	6,8167
85	2,9432	156	1,840	28,96%	32265	404	10	7,9833
223	2,9423	209	1,263	8,33%	48108	288	7	5,7167
231	2,9382	241	1,212	6,71%	46494	313	8	6,5333
261	2,9382	259	1,282	13,99%	44036	386	9	5,5667
181	2,9367	118	1,593	0,53%	58476	189	7	5,5
280	2,9362	534	1,122	6,55%	54930	641	11	6,8957
182	2,9356	139	1,338	18,06%	40781	227	6	4,8333
141	2,9355	77	1,831	3,42%	56206	146	6	5,5
156	2,9351	84	1,857	25,00%	36507	208	6	6
260	2,9320	323	1,285	9,39%	52668	458	10	5,9274
180	2,9319	192	1,167	0,00%	59600	224	8	5,45
161	2,9317	151	1,311	5,26%	58222	209	9	5,7
166	2,9314	119	1,437	5,00%	56934	180	6	3,8333
138	2,9311	95	1,453	4,17%	56758	144	6	4,6667
241	2,9285	237	1,338	24,70%	41268	421	9	5,85
180	2,9281	145	1,807	19,38%	43085	325	9	6,3833
188	2,9262	434	1,168	15,78%	41342	602	9	6,4679
165	2,9257	161	1,398	11,76%	54274	255	9	6,8667
237	2,9238	363	1,375	1,38%	60353	506	11	4,7452
223	2,9235	178	1,371	17,57%	39933	296	8	5,8667
153	2,9221	288	1,177	3,42%	57289	351	10	6,9
590	2,9210	842	1,526	13,35%	50964	1483	17	10,8274
178	2,9204	87	2,092	2,15%	60681	186	7	5,3333
361	2,9194	220	1,855	61,62%	9210	1063	22	8,8929
167	2,9189	221	1,362	5,64%	54688	319	8	5,9103
175	2,9184	160	1,094	0,00%	61628	175	6	5
224	2,9181	194	1,320	29,09%	34348	361	8	5,4833
222	2,9158	138	1,928	21,99%	39828	341	9	5,4929
192	2,9149	122	1,680	1,91%	61850	209	7	5
157	2,9148	226	1,292	2,67%	52034	300	9	6,5
328	2,9145	257	2,054	7,04%	59466	568	13	7,6917
256	2,9127	352	1,278	6,25%	59328	480	10	5,6762
242	2,9108	143	1,881	2,89%	62157	277	11	5,3929

318	2,9106	261	1,402	3,68%	59071	380	12	7,45
220	2,9103	327	1,187	4,43%	55312	406	9	5,1597
309	2,9099	499	1,244	11,03%	58348	698	12	7,7762
409	2,9091	287	1,603	37,84%	28245	740	16	9,4667
187	2,9088	143	1,958	24,12%	43045	369	10	6,9167
143	2,9086	130	1,100	0,00%	63174	143	6	4,3333
179	2,9067	359	1,134	38,15%	30393	658	9	5,883
300	2,9060	208	1,567	10,19%	48438	363	9	6,5595
196	2,9025	216	1,273	14,60%	56800	322	8	5,0496
173	2,9025	187	1,390	13,91%	52654	302	7	4,75
294	2,9010	305	1,702	20,40%	49555	652	12	7,4083
97	2,8994	83	1,169	0,00%	64921	97	6	6
156	2,8980	222	1,581	36,87%	42329	556	15	6,4333
163	2,8974	150	1,460	9,50%	54507	242	8	5,3929
275	2,8967	194	1,531	19,46%	55700	370	8	5,3667
164	2,8959	157	1,197	9,62%	59229	208	8	4,5909
322	2,8951	263	1,232	7,43%	51915	350	10	5,8333
224	2,8933	257	1,315	1,46%	65706	343	8	5
141	2,8924	167	1,473	13,38%	61611	284	9	4,8611
393	2,8918	524	1,706	17,07%	57619	1078	13	8,7
164	2,8914	120	1,433	11,79%	60006	195	6	5
332	2,8914	316	1,478	4,50%	62335	489	13	7,7833
144	2,8911	219	1,370	2,28%	65774	307	11	5,9583
133	2,8896	189	1,815	57,23%	15469	802	19	8,631
158	2,8884	192	1,339	23,74%	44147	337	9	5,5333
265	2,8879	368	1,304	11,28%	59559	541	11	6,0429
161	2,8873	177	1,277	17,22%	44143	273	7	6
160	2,8848	159	1,774	11,04%	62043	317	8	5,9512
149	2,8847	160	1,700	6,53%	60892	291	11	5,8667
199	2,8839	149	1,523	26,30%	40262	308	8	5,8429
123	2,8836	117	1,436	2,89%	66495	173	7	4,2278
466	2,8833	445	1,503	7,21%	65394	721	11	7
674	2,8823	353	2,028	9,94%	63155	795	13	9,7833
169	2,8819	147	1,170	1,71%	67099	175	6	5
290	2,8818	234	1,342	9,77%	57674	348	9	5,8333
486	2,8795	396	1,396	15,44%	49953	654	11	6,5333
314	2,8792	235	1,417	5,40%	64263	352	11	6,65
199	2,8791	204	1,078	2,22%	63303	225	5	3,869
298	2,8781	223	1,686	18,97%	51809	464	12	6,4667
275	2,8776	279	1,240	12,18%	55746	394	9	6,7909
202	2,8776	247	1,425	3,03%	60764	363	10	6,4167
246	2,8769	408	1,346	20,32%	50823	689	11	6,8571
352	2,8747	566	1,403	5,59%	66069	841	13	5,9473
192	2,8744	164	1,299	15,48%	52778	252	7	5,0833
494	2,8739	518	1,195	3,43%	68215	641	11	5,9167
291	2,8736	664	1,352	0,55%	69510	903	11	4,369
187	2,8723	102	1,843	64,19%	8567	525	10	9
203	2,8718	604	1,247	20,65%	44201	949	14	5,9798
228	2,8710	260	1,238	13,21%	53691	371	8	5,1167
202	2,8694	186	1,108	0,00%	70332	206	7	5,5
137	2,8692	98	1,939	18,45%	54813	233	8	4,45

203	2,8689	168	1,250	13,22%	50963	242	7	5,6167
247	2,8672	181	1,646	26,96%	43658	408	9	6,75
188	2,8642	263	1,384	10,78%	59456	408	10	5,7333
169	2,8641	238	1,256	13,33%	59606	345	8	4,8472
139	2,8592	148	1,453	10,79%	61834	241	10	5,7345
189	2,8569	184	1,207	0,89%	72525	224	8	5,1667
189	2,8568	174	1,086	2,07%	71920	193	7	4,8922
159	2,8567	115	1,452	9,24%	65970	184	6	4,8333
169	2,8567	117	1,556	45,18%	21363	332	8	6,95
629	2,8565	624	1,247	8,36%	63644	849	11	7,8333
133	2,8564	120	1,108	0,75%	72232	134	5	4
272	2,8553	339	1,212	13,66%	60717	476	9	5,8762
260	2,8529	117	2,769	42,86%	22336	567	14	8,9
147	2,8511	107	1,402	1,32%	73148	152	6	4
178	2,8509	159	1,591	20,44%	55430	318	9	5,7833
261	2,8502	535	1,243	17,70%	62675	808	12	6,8381
118	2,8491	177	1,328	11,32%	67690	265	8	5,0095
325	2,8480	263	1,384	11,22%	65602	410	10	6,8667
113	2,8466	111	1,054	0,85%	74461	118	6	4,3333
189	2,8449	168	1,244	4,57%	68219	219	7	5,1667
260	2,8449	254	2,311	27,26%	49273	807	13	7,5202
179	2,8443	169	1,598	6,57%	67168	289	7	5,6167
155	2,8439	204	1,441	24,42%	50748	389	8	5,4957
197	2,8438	234	1,611	7,37%	68559	407	9	5,9333
120	2,8427	212	1,458	13,20%	65470	356	8	5,1595
163	2,8424	158	1,354	15,75%	63150	254	8	5,9167
128	2,8391	98	1,561	17,30%	71978	185	6	5,5
119	2,8386	108	1,472	7,02%	74616	171	7	5,7833
509	2,8385	513	1,372	28,16%	52860	980	13	7,4857
330	2,8385	217	1,553	1,17%	75405	341	8	5,3333
163	2,8381	125	1,496	0,00%	76690	187	8	5,8333
198	2,8367	185	1,422	12,33%	56695	300	8	5,65
123	2,8367	103	1,214	3,85%	74767	130	6	4,6667
99	2,8344	99	1,444	8,92%	71986	157	6	5,4167
293	2,8337	548	1,296	25,73%	50097	956	15	8,7929
308	2,8335	341	1,287	15,74%	69799	521	9	5,6857
132	2,8334	107	1,262	28,19%	25797	188	9	8
110	2,8322	85	1,294	0,00%	77442	110	5	4,5
176	2,8321	237	1,283	19,58%	53779	378	10	5,6762
260	2,8318	234	1,338	18,28%	49708	383	8	6
332	2,8315	227	1,621	31,09%	50642	534	10	6,8167
382	2,8308	513	1,283	23,04%	61020	855	11	6,5516
266	2,8303	327	1,823	55,72%	21189	1346	18	10,9
275	2,8297	278	1,353	6,23%	69352	401	11	7,3333
195	2,8295	254	1,469	20,13%	53448	467	11	6,8659
179	2,8287	162	1,309	22,06%	66055	272	8	5,25
222	2,8283	131	1,947	24,33%	49057	337	7	5,4167
147	2,8271	185	1,141	7,46%	69713	228	7	5,4917
163	2,8268	146	1,233	6,74%	74011	193	6	3,7
113	2,8266	138	1,420	17,30%	55360	237	9	3,9095
102	2,8265	122	1,107	23,89%	52222	180	7	5,3333

205	2,8259	250	1,220	7,01%	65648	328	10	5,6667
220	2,8257	180	1,433	14,85%	63768	303	6	5,8333
126	2,8249	51	2,745	9,68%	75610	155	6	4,8667
207	2,8248	247	1,287	12,88%	66868	365	8	6,2095
90	2,8240	90	1,111	2,91%	76994	103	6	5,5833
154	2,8238	151	1,232	35,42%	40124	288	7	4,9667
275	2,8234	344	1,340	11,69%	73481	522	10	5,5873
150	2,8234	141	1,447	25,27%	51512	273	8	5,7
307	2,8225	425	1,468	16,13%	65132	744	13	6,3837
212	2,8217	196	1,403	8,94%	71266	302	8	5,075
248	2,8203	333	1,378	11,22%	68467	517	13	6,9971
282	2,8191	344	1,352	3,13%	79636	480	11	6,7833
177	2,8177	376	1,101	6,12%	73842	441	9	4,7881
168	2,8149	658	1,459	18,02%	59771	1171	18	4,4524
99	2,8146	73	1,356	10,00%	73558	110	5	5
182	2,8141	189	1,402	6,36%	70100	283	9	5,15
227	2,8136	216	1,782	27,17%	49669	530	10	6,9167
282	2,8132	308	1,130	0,00%	81610	348	7	4,75
401	2,8132	371	1,232	3,99%	79100	476	9	6,5833
258	2,8125	316	1,146	8,82%	71682	397	8	5,9
141	2,8113	109	1,716	10,95%	71109	210	7	5,6667
107	2,8093	78	1,436	1,75%	81504	114	5	5
105	2,8077	130	1,300	6,63%	80988	181	7	3,9833
283	2,8076	229	1,476	17,36%	70926	409	8	4,6576
199	2,8071	203	1,197	2,02%	82519	248	7	6,5
154	2,8068	145	1,255	20,18%	58492	228	7	5,0833
96	2,8063	90	1,133	8,93%	84242	112	6	5,3333
93	2,8056	85	1,129	0,00%	83100	96	5	5
165	2,8051	138	1,312	38,85%	37629	296	6	5,75
136	2,8047	78	1,795	2,78%	75135	144	8	5,6667
205	2,8042	182	1,286	3,70%	73630	243	8	6,9167
186	2,8019	192	1,641	11,27%	77772	355	8	4,9619
163	2,8014	118	1,602	25,30%	59297	253	7	4,825
93	2,8013	75	1,240	0,00%	84028	93	5	5
118	2,8011	137	1,168	2,44%	83081	164	7	4,3167
204	2,7983	221	1,181	10,00%	74467	290	9	6
252	2,7983	341	1,328	12,38%	73259	517	11	6,4167
158	2,7975	132	1,242	5,75%	77106	174	8	4,4917
140	2,7972	126	1,270	13,04%	70836	184	5	4,4167
324	2,7955	451	1,262	9,54%	78425	629	13	5,8317
159	2,7953	136	1,419	18,57%	66567	237	10	5,0262
179	2,7952	120	1,525	6,63%	81669	196	7	4,95
192	2,7949	119	2,176	10,69%	71038	290	10	4,8167
256	2,7946	246	1,622	9,32%	80027	440	11	5,5116
167	2,7943	254	1,150	11,78%	81528	331	8	4,8429
127	2,7936	165	1,315	11,43%	80045	245	9	5,9167
117	2,7932	127	1,110	2,76%	84864	145	6	4,6667
229	2,7930	377	1,475	30,85%	54189	804	12	6,7957
256	2,7908	289	1,138	4,91%	81006	346	8	5,7667
131	2,7891	133	1,120	0,00%	89723	149	7	4,75
135	2,7885	131	1,290	2,31%	86208	173	7	4,7833

171	2,7884	114	1,518	13,50%	80748	200	7	4,75
317	2,7883	328	1,305	15,75%	73273	508	9	5,8667
264	2,7873	581	1,454	2,09%	83195	863	18	6,5897
322	2,7870	354	1,192	2,31%	82322	432	8	4,2833
317	2,7864	411	1,200	9,04%	73179	542	12	4,8354
207	2,7858	201	1,697	25,38%	51917	457	11	5,8338
212	2,7849	194	1,479	13,29%	71942	331	9	5,8095
130	2,7844	102	1,931	43,23%	33808	347	8	5,075
295	2,7797	515	1,666	15,80%	71228	1019	15	8,8512
235	2,7792	228	1,241	3,41%	81014	293	9	5,2774
191	2,7773	134	1,530	4,21%	87071	214	7	4,5333
111	2,7757	110	2,545	29,65%	48952	398	11	7,8
103	2,7755	199	1,256	7,75%	80040	271	9	4,5278
131	2,7754	128	1,227	9,77%	75940	174	6	5
126	2,7736	126	1,492	6,47%	85204	201	7	4,9143
133	2,7736	124	1,315	11,89%	71489	185	6	3,9095
160	2,7736	138	1,232	33,33%	48503	255	6	4,8333
115	2,7715	103	1,175	3,20%	89410	125	4	4
368	2,7708	349	1,441	28,25%	58768	701	11	6,9024
280	2,7704	283	1,272	17,05%	72404	434	10	5,8548
166	2,7698	192	1,281	6,11%	84171	262	9	5,6667
156	2,7695	151	1,444	33,94%	44265	330	8	5,8798
150	2,7694	362	1,923	12,34%	71324	794	12	6,8333
99	2,7693	90	1,111	0,00%	91244	100	5	4,5
115	2,7680	129	1,333	13,57%	82626	199	7	4,8833
265	2,7657	430	1,347	24,02%	59990	762	13	7,6929
191	2,7653	261	1,146	5,08%	83826	315	7	5,3095
143	2,7638	111	1,559	38,65%	34750	282	7	6,4167
177	2,7633	150	1,413	43,47%	35823	375	8	5,6206
345	2,7626	316	1,316	12,61%	81827	476	11	6,0833
155	2,7624	117	1,350	3,07%	90417	163	5	3,8333
308	2,7622	348	1,362	17,85%	55210	577	12	6,7262
192	2,7618	270	1,289	6,95%	89088	374	9	5,9333
95	2,7606	131	1,298	1,16%	93210	172	7	4,826
403	2,7593	300	1,463	27,08%	61014	602	11	6,6242
135	2,7590	135	1,170	9,20%	78504	174	7	4,8667
98	2,7584	79	1,241	5,77%	91231	104	6	4,8333
186	2,7573	192	1,406	18,43%	68516	331	9	4,8667
97	2,7566	76	1,303	0,00%	94524	99	6	5,6667
258	2,7559	299	1,151	35,46%	41995	533	8	5,3266
250	2,7554	434	1,412	16,80%	79143	738	11	6,8583
229	2,7546	338	1,293	24,78%	71418	581	9	4,9107
94	2,7540	84	1,119	4,08%	91998	98	5	5
321	2,7515	325	1,406	14,90%	80545	537	10	5,7524
216	2,7512	305	1,220	11,22%	87956	419	10	5,7793
120	2,7504	133	1,188	0,00%	95963	158	6	5
107	2,7495	123	1,358	5,65%	95257	177	5	3,8159
148	2,7490	126	1,937	35,11%	54518	376	10	6,7333
98	2,7482	82	1,720	10,76%	89214	158	8	4,9167
131	2,7480	209	1,373	6,82%	91071	308	8	4,9762
157	2,7477	187	1,198	23,02%	55881	291	9	4,8333

106	2,7465	85	1,294	0,00%	96985	110	8	4,6667
242	2,7464	376	1,364	14,78%	81325	602	10	5,9117
110	2,7454	105	1,076	0,00%	97022	113	6	4,2
141	2,7449	188	1,878	33,40%	50159	530	10	6,9429
253	2,7444	445	1,146	15,56%	68624	604	11	5,871
180	2,7444	126	1,627	4,65%	94855	215	7	6
91	2,7438	136	1,243	16,75%	71252	203	8	5,775
271	2,7437	449	1,200	8,49%	92821	589	9	4,9658
102	2,7434	70	1,543	26,53%	59964	147	7	5,3333
482	2,7425	319	1,755	19,89%	73133	699	14	9,4917
252	2,7416	316	1,367	3,36%	94806	447	9	4,9778
101	2,7413	99	1,040	0,96%	104411	104	5	3,5
148	2,7410	296	2,017	15,56%	73354	707	15	8,8333
278	2,7405	247	1,377	8,11%	93657	370	9	5,6167
93	2,7399	45	2,067	0,00%	98258	93	5	4,5
85	2,7392	142	1,261	14,76%	80422	210	8	5,3242
277	2,7386	394	1,195	1,67%	98000	479	10	4,7819
334	2,7379	386	1,510	12,99%	76608	670	17	8,0333
396	2,7374	600	1,172	12,78%	89032	806	15	6,9445
131	2,7369	161	1,590	6,91%	81216	275	9	4,9167
240	2,7367	191	1,670	2,74%	97662	328	10	4,8667
391	2,7358	456	1,368	8,10%	85409	679	12	6,6845
98	2,7356	105	1,219	0,78%	98697	129	6	4,5
312	2,7354	277	1,191	1,20%	96987	334	10	4,6778
134	2,7351	97	1,515	20,11%	75170	184	5	4,0833
165	2,7340	166	1,380	35,31%	42627	354	9	5,1
128	2,7335	89	1,483	1,49%	95769	134	7	4,6667
276	2,7333	270	1,448	25,52%	57503	525	10	6,9
212	2,7328	215	1,223	9,93%	90263	292	8	5,7012
135	2,7322	313	1,540	32,78%	55790	717	13	8,2095
119	2,7321	82	1,573	11,03%	88943	145	7	4,8333
171	2,7316	107	1,617	27,31%	66851	238	7	5,6667
191	2,7314	169	1,385	26,65%	62660	319	9	5,6
160	2,7305	178	1,303	19,72%	73812	289	10	5,75
152	2,7299	145	1,372	25,75%	71742	268	7	4,7667
130	2,7298	226	1,252	10,44%	92428	316	9	4,9833
138	2,7291	97	1,639	16,32%	76163	190	7	5,1667
110	2,7288	157	1,567	28,07%	81816	342	7	4,9857
103	2,7285	155	1,361	2,76%	98162	217	8	4,6222
197	2,7281	239	1,314	14,67%	79340	368	9	5,8167
164	2,7279	66	2,561	1,74%	94729	172	9	4,75
163	2,7278	135	1,333	6,25%	97575	192	6	3,8333
244	2,7276	281	1,658	12,57%	82516	533	12	7,444
91	2,7275	73	1,548	1,74%	100463	115	5	4,4167
341	2,7269	401	1,207	2,81%	100663	498	9	5,2541
130	2,7251	204	1,441	14,78%	89148	345	9	5,6857
131	2,7240	501	1,196	6,11%	94859	638	14	5,8847
108	2,7229	87	1,345	0,85%	102073	118	6	4,8333
282	2,7218	332	1,051	9,82%	82876	387	8	3,9484
126	2,7218	119	1,303	28,90%	57033	218	8	5,6667
108	2,7209	96	1,125	0,00%	102783	108	4	3,3333

116	2,7197	160	1,275	19,05%	85460	252	8	5,5095
193	2,7195	185	1,411	25,43%	61288	350	9	6,7095
221	2,7192	450	1,176	3,99%	93767	551	10	5,3861
124	2,7182	98	1,602	33,47%	65065	236	8	5,4167
138	2,7176	162	1,247	16,18%	82174	241	7	5,6667
223	2,7175	185	1,303	3,60%	99073	250	9	6,2262
136	2,7163	78	2,013	13,74%	92610	182	7	4,0833
263	2,7163	324	1,398	31,98%	59490	666	10	7,6667
103	2,7162	87	1,195	21,21%	68231	132	6	4,8333
106	2,7156	79	1,392	0,90%	104341	111	7	4,6667
103	2,7149	62	1,661	7,21%	97600	111	5	4
164	2,7147	162	1,265	12,02%	88782	233	7	5,1167
375	2,7145	564	1,457	12,37%	95199	938	13	6,8
80	2,7143	89	1,157	0,96%	104695	104	6	4,1029
213	2,7140	274	1,380	19,57%	81237	470	10	6,95
149	2,7140	164	1,201	27,31%	66883	271	9	5,6167
200	2,7137	187	1,332	3,49%	102676	258	8	5,7
131	2,7135	131	1,573	28,97%	55983	290	9	5,8583
248	2,7127	215	1,456	5,72%	81084	332	8	4,4909
101	2,7125	116	1,371	13,11%	84805	183	6	4,9
190	2,7123	368	1,448	18,13%	81465	651	15	6,854
125	2,7116	120	1,192	5,30%	100456	151	6	4,1667
298	2,7115	195	2,113	11,40%	72129	465	9	5,8333
189	2,7113	186	1,016	0,00%	104550	189	2	1,8333
77	2,7102	43	1,791	2,53%	103233	79	5	5
96	2,7097	81	1,235	8,26%	98540	109	6	4,537
134	2,7093	282	1,904	19,97%	71424	671	16	5,1706
142	2,7087	342	1,436	20,81%	82637	620	12	7,75
189	2,7085	173	1,139	1,01%	105818	199	6	4,8333
151	2,7076	223	1,220	13,38%	90790	314	8	6,45
214	2,7066	110	1,964	8,47%	95547	236	10	6,25
222	2,7062	244	1,287	11,30%	98606	354	12	7
128	2,7056	81	2,111	16,18%	94218	204	7	4,5167
149	2,7055	169	1,278	10,37%	92857	241	9	5,8833
246	2,7053	466	1,221	14,44%	87417	665	13	6,7524
182	2,7049	105	1,733	24,48%	60609	241	6	4,8333
81	2,7042	72	1,125	0,00%	107669	81	5	4,5
311	2,7039	448	1,194	9,63%	101412	592	12	6,5706
296	2,7036	291	1,399	24,21%	71988	537	10	6,9262
123	2,7034	185	1,292	7,00%	105284	257	6	4,7
430	2,7032	463	1,108	2,47%	103921	526	6	4,8278
111	2,7027	78	1,641	5,88%	104057	136	5	4,4167
105	2,7020	90	1,367	10,22%	100103	137	5	4,25
155	2,7019	464	1,181	20,12%	89864	686	13	4,9843
130	2,7017	119	1,429	0,00%	108534	170	8	3,8333
135	2,7007	140	1,514	16,54%	79437	254	7	5,2833
243	2,7001	287	1,380	13,16%	86412	456	11	5,8449
226	2,7001	250	1,680	5,41%	104537	444	9	6,7076
173	2,6997	235	1,081	1,55%	108111	258	9	3,6917
196	2,6983	167	2,084	12,78%	99281	399	9	6
152	2,6980	149	1,315	7,11%	98534	211	7	4,5667

238	2,6975	168	1,417	12,18%	81835	271	9	6,3333
91	2,6967	123	1,138	10,83%	98328	157	7	3,7595
187	2,6966	156	1,218	1,04%	108837	192	5	3,6429
124	2,6963	136	1,353	10,68%	95010	206	8	5,8667
306	2,6959	293	1,416	13,00%	90400	477	8	5,7
160	2,6958	293	1,447	7,22%	95577	457	12	6,9524
148	2,6956	168	1,274	11,20%	87950	241	9	4,95
129	2,6955	128	1,172	9,09%	104833	165	5	3,5833
303	2,6953	275	1,422	4,40%	105479	409	10	7,0929
243	2,6943	325	1,206	10,91%	93588	440	9	5,45
93	2,6942	106	1,377	11,52%	97059	165	6	4,8333
87	2,6928	101	1,257	12,41%	102423	145	8	4,6167
410	2,6922	435	1,333	9,23%	91675	639	10	6,7718
154	2,6920	1626	1,093	3,00%	76150	1833	10	3,6671
100	2,6914	92	1,196	0,90%	110788	111	6	4,3333
187	2,6911	338	1,192	4,05%	104973	420	10	5,1565
111	2,6902	207	1,599	11,97%	101135	376	9	5,9992
115	2,6898	101	1,218	0,00%	111815	123	5	5
367	2,6891	279	1,358	21,04%	92229	480	9	7,6667
127	2,6889	108	1,259	9,93%	99652	151	6	4,25
128	2,6885	126	1,310	8,33%	105296	180	7	3,9583
366	2,6881	514	1,274	23,93%	80479	861	12	6,15
313	2,6880	360	1,278	5,54%	110298	487	11	5,869
195	2,6870	270	1,096	7,50%	105841	320	8	4,9333
238	2,6868	211	1,645	20,96%	83016	439	9	5,7
258	2,6868	258	1,318	16,05%	88859	405	9	5,819
165	2,6855	116	1,440	3,47%	109687	173	5	3,6667
172	2,6848	138	1,290	1,66%	112478	181	7	4,8333
111	2,6838	238	1,210	4,64%	96385	302	9	4,369
232	2,6837	218	1,528	7,76%	106660	361	8	5,7833
147	2,6831	126	1,437	12,98%	101671	208	6	4,5333
87	2,6831	54	1,611	20,18%	66715	109	6	5,5
151	2,6826	81	1,864	16,57%	81604	181	6	5
103	2,6825	118	1,178	10,90%	97973	156	8	4,0833
166	2,6814	135	1,230	1,19%	111204	168	6	4,2262
210	2,6805	258	1,264	17,47%	87164	395	9	6,1167
167	2,6793	153	1,863	23,59%	84412	373	9	5,9833
104	2,6790	45	2,356	0,00%	114467	106	6	3,15
94	2,6780	119	1,387	15,38%	98792	195	7	4,9833
100	2,6772	151	1,291	19,42%	85885	242	8	4,7202
76	2,6772	73	1,123	5,75%	110996	87	5	4,3333
216	2,6767	388	1,157	10,20%	95910	500	10	5,0056
92	2,6761	82	1,183	0,00%	115228	97	4	3,75
113	2,6760	122	1,303	29,96%	77521	227	6	4,8667
173	2,6745	129	1,341	0,00%	116177	173	6	4,6667
244	2,6737	166	1,699	10,48%	108357	315	10	4,8524
314	2,6731	262	1,832	11,76%	112024	544	9	6,8667
111	2,6729	127	1,181	31,51%	78007	219	6	3,8333
210	2,6719	174	1,626	2,08%	110455	289	8	4,8333
79	2,6706	73	1,082	4,82%	114796	83	6	4,5333
169	2,6704	118	1,466	12,18%	94403	197	8	5,1667

89	2,6703	168	1,185	25,47%	72284	267	9	5,9167
148	2,6701	319	1,552	27,84%	55385	686	12	8,3107
124	2,6700	168	1,036	7,94%	104742	189	5	3,3667
152	2,6699	150	1,380	25,54%	73542	278	8	5,95
190	2,6695	166	1,428	6,69%	109052	254	8	4,7
222	2,6693	217	1,433	7,44%	105282	336	10	5,7333
190	2,6692	283	1,357	9,65%	99247	425	11	5,7167
213	2,6689	206	1,165	10,11%	102557	267	9	3,95
156	2,6689	128	1,328	12,37%	69835	194	7	4,8333
157	2,6682	323	1,102	4,04%	116485	371	10	5,3901
176	2,6679	187	1,219	6,94%	102818	245	6	4,9167
108	2,6672	90	1,444	2,99%	115662	134	7	5,3333
333	2,6670	256	1,715	16,06%	94888	523	10	7,8269
128	2,6665	226	1,261	12,58%	100310	326	8	4,8111
118	2,6654	226	1,553	16,43%	93570	420	11	5,3956
111	2,6650	135	1,356	23,75%	75852	240	8	5,45
170	2,6647	172	1,343	0,00%	118412	231	5	2,75
104	2,6640	80	1,700	12,82%	91548	156	5	3,95
213	2,6638	161	1,807	14,41%	81715	340	9	5,1
117	2,6629	144	1,146	4,62%	103760	173	6	3,7944
84	2,6624	102	1,186	3,20%	116829	125	6	4,15
135	2,6619	181	1,508	30,18%	78796	391	11	6,3583
157	2,6611	135	1,341	24,27%	68279	239	7	4,8667
145	2,6599	209	1,474	14,44%	84593	360	8	6
161	2,6507	193	1,259	13,83%	87529	282	8	4,7095
122	2,6499	92	1,554	42,80%	45618	250	7	4,7595
172	2,6494	124	1,685	30,33%	73800	300	7	4,8429
180	2,6472	320	1,384	18,11%	99002	541	11	6,5667
165	2,6461	157	1,930	33,41%	77266	455	14	4,8583
125	2,6382	64	2,063	24,57%	75312	175	6	4,75
201	2,6354	195	1,456	27,37%	73909	391	7	4,6273
129	2,6353	447	1,374	26,20%	83520	832	15	6,9385
129	2,6353	279	1,434	19,03%	99872	494	9	4,8167
219	2,6346	203	1,443	24,09%	89376	386	10	7
168	2,6345	112	1,571	22,81%	89011	228	7	4,1667
213	2,6308	288	1,517	27,53%	82560	603	12	6
144	2,6286	132	1,227	37,45%	60736	259	9	5,5833
67	2,6275	60	1,633	24,62%	92504	130	6	4,7
101	2,6258	121	1,347	30,04%	90482	233	8	4,8548
180	2,6224	192	1,328	15,00%	97221	300	8	4,8095
75	2,6207	228	1,285	17,93%	95494	357	9	5,1647
178	2,6196	161	1,342	38,29%	61099	350	8	5,8167
188	2,6187	114	1,886	71,32%	16358	767	17	9,1667
139	2,6178	124	1,427	19,55%	95256	220	6	4,5833
134	2,6159	137	1,285	12,87%	96476	202	7	4,6333
77	2,6158	62	1,274	33,05%	90535	118	6	4,6667
142	2,6157	152	1,336	22,14%	99345	262	8	4,7583
156	2,6066	169	1,225	33,01%	79010	309	8	4,95
75	2,6027	80	1,438	19,58%	95551	143	8	4,2
362	2,5961	288	1,694	20,39%	96532	613	12	6,9929
126	2,5897	80	1,875	35,06%	81028	231	9	5,2083

87	2,5857	118	1,814	37,79%	76810	344	11	4,6921
138	2,5850	147	1,435	34,88%	59616	324	10	6,7429
126	2,5739	119	1,496	61,05%	18428	457	11	7,8833
294	2,5709	321	1,293	25,23%	99530	555	9	5,9762
143	2,5668	114	1,447	27,95%	70550	229	7	4,6667
87	2,5593	73	1,342	36,77%	73326	155	5	5
102	2,5580	90	2,011	30,38%	92788	260	9	4,7833
132	2,5538	76	1,855	49,64%	39223	280	9	6,75
162	2,5515	132	1,523	27,70%	88277	278	9	4,9167
155	2,5477	154	2,123	22,33%	99802	421	12	7,4833
97	2,5452	75	1,387	35,80%	81818	162	7	5
76	2,5409	58	1,448	59,42%	35651	207	7	5,8333
68	2,5383	37	1,838	38,18%	74080	110	5	5
105	2,5288	72	1,667	34,78%	93032	184	7	5,8333
107	2,5233	95	1,379	23,84%	98576	172	6	4,95
72	2,5209	76	1,487	31,52%	95179	165	6	4,8333
115	2,5158	71	1,718	38,69%	76218	199	5	5
77	2,5126	121	1,141	25,81%	95380	186	8	5,8333
122	2,5111	129	1,310	24,22%	96223	223	7	5,9167
102	2,5103	140	1,793	75,84%	11634	1039	21	11,6345
98	2,5059	79	1,241	39,51%	88057	162	7	5
68	2,5011	53	1,509	44,06%	79984	143	5	4,3333
89	2,4896	51	2,373	48,73%	52667	236	7	5,1667
142	2,4875	116	1,655	24,41%	87825	254	7	4,95
158	2,4871	195	1,226	25,31%	96856	320	9	5,0167
82	2,4852	52	1,615	68,18%	20911	264	10	7,5
125	2,4819	99	2,354	36,34%	99633	366	11	6,1667
138	2,4437	129	1,194	36,89%	86167	244	6	4,6667
130	2,4327	116	1,802	53,76%	68176	452	12	7,25
57	2,4145	206	1,592	27,75%	87315	454	10	5,9409
72	2,4108	94	1,202	44,06%	82784	202	6	4,886
61	2,3943	40	1,700	52,11%	75231	142	7	5,4167
71	2,3813	57	1,439	44,97%	85705	149	5	3,8667
102	2,3813	77	1,403	53,25%	64975	231	8	6
73	2,3471	51	1,451	39,34%	94340	122	5	5
90	2,3433	128	1,359	56,17%	87667	397	12	5,8
93	2,3404	117	1,103	46,03%	67067	239	6	4,9333
104	2,3300	232	1,129	49,22%	88557	516	10	5,8785
64	2,3274	62	1,613	55,75%	94142	226	7	4,75
57	2,3174	166	1,765	63,83%	79715	810	15	6,4
72	2,3165	117	1,214	40,34%	96438	238	8	4,8857
71	2,2928	44	2,023	63,37%	55109	243	6	5
32	2,2872	171	1,468	56,35%	97417	575	15	6,9333
41	2,2726	40	1,525	55,47%	71117	137	7	6,1167
124	2,2712	110	1,209	39,09%	99025	220	8	5,8333
59	2,1246	59	1,458	66,01%	77392	253	8	6,75
30	2,0933	20	1,600	74,19%	67841	124	6	5,3333
44	2,0612	24	1,958	70,44%	67301	159	9	5,5833
60	2,0547	36	2,417	74,71%	91585	344	12	5,9

nps	ncs	npsf	ncsf	npsfl	ncsfl	c	npciting	cprat
16	849	166	4542	173	4601	5,1121	970	4,903
68	740	158	1167	591	2640	4,5824	1446	1,945
148	286	369	1143	817	2944	4,5262	1984	1,750
39	328	71	838	181	1529	4,3016	1145	1,424
3	688	11	861	44	1542	4,2392	1303	1,711
62	915	74	1176	118	1228	4,2207	724	1,696
23	175	46	397	244	1967	4,2343	1749	1,543
139	743	260	1059	524	1491	4,2219	836	1,865
15	99	40	290	244	2143	4,2183	1872	1,793
103	473	189	939	232	1223	4,1987	512	2,479
26	112	59	244	248	1604	4,1212	2132	1,398
4	70	45	674	90	1643	4,1981	703	3,243
68	328	139	647	339	1204	4,1581	687	1,838
119	646	133	711	136	713	4,1157	397	1,801
28	122	72	254	323	1813	4,1315	1716	1,765
25	48	60	371	367	1939	4,0198	1677	1,481
11	33	62	691	240	1519	3,9678	1315	1,573
71	177	147	376	305	896	3,9761	482	2,417
37	270	51	710	60	749	3,9420	633	1,216
4	5	720	4037	970	4914	4,4711	2369	3,690
18	617	51	921	198	1082	3,9142	990	1,137
2	20	73	198	406	2744	4,0965	1463	2,729
53	138	126	796	186	969	3,8986	654	1,586
61	91	165	855	223	1206	3,8976	711	1,719
31	177	69	268	231	1078	3,9249	855	1,517
32	213	63	337	111	957	4,0175	400	2,473
26	481	57	572	110	699	3,8721	746	1,162
57	33	406	919	655	1127	3,8900	1910	1,198
26	394	67	534	103	630	3,8467	473	1,463
37	142	80	399	122	615	3,8412	754	1,403
34	427	40	710	41	710	3,8355	456	1,557
104	122	185	481	354	904	3,8372	483	2,104
101	274	161	575	254	770	3,8563	486	1,636
51	102	155	499	318	1261	3,9694	814	1,953
56	190	133	641	260	1105	3,9520	579	2,060
5	10	94	704	180	1466	3,8928	980	2,097
19	18	488	502	898	942	3,7752	2924	1,084
37	417	52	471	58	471	3,7379	419	1,124
29	25	439	787	604	972	3,8055	1860	1,166
66	295	132	551	199	797	3,9677	433	2,270
1	8	223	1366	284	1634	3,8764	720	2,515
35	356	43	410	49	437	3,7961	192	2,432
312	351	357	406	425	557	3,7356	376	1,527
36	97	139	630	197	844	3,8298	467	2,075
21	182	35	464	55	569	3,6795	200	3,365
5	1	57	177	199	918	3,7117	2761	2,080
34	49	76	769	182	1058	3,6855	904	1,253
9	74	28	150	208	1111	3,7998	591	2,091
13	38	38	233	273	980	3,6804	802	1,544

5	19	45	383	127	838	3,7460	775	2,058
36	66	62	166	266	967	3,6724	519	2,347
8	71	37	262	120	609	3,6345	398	1,812
12	20	53	200	251	1066	3,6857	972	1,556
42	157	68	211	300	661	3,6597	427	1,904
16	85	43	189	127	622	3,6160	441	1,449
19	26	54	218	192	912	3,6022	551	1,838
5	80	38	249	272	713	3,6512	334	2,698
20	69	48	250	145	615	3,5719	481	1,385
40	171	79	352	126	443	3,6357	271	1,948
17	111	38	339	53	536	3,6360	414	1,551
34	98	55	172	275	786	3,6811	567	1,885
35	88	56	132	254	632	3,5329	556	1,306
42	149	56	158	168	513	3,5253	356	1,500
24	38	104	358	306	609	3,5358	468	1,382
8	59	68	319	136	431	3,6247	477	1,799
24	100	77	242	207	536	3,5899	436	1,833
21	13	231	391	400	564	3,5029	2046	1,058
29	30	50	139	175	813	3,5068	582	1,770
32	74	68	250	137	574	3,5742	275	2,345
33	318	74	357	206	456	3,5159	349	1,458
44	89	156	324	428	727	3,6394	485	1,715
34	132	79	199	275	428	3,4964	353	1,300
96	174	136	258	173	351	3,5253	301	1,372
25	0	121	107	943	3085	3,6122	1682	2,359
17	484	31	490	104	529	3,4793	519	1,039
8	24	32	341	120	628	3,5036	700	1,303
23	162	60	282	72	297	3,5077	255	1,396
7	3	36	81	379	1994	3,5829	1203	1,843
36	19	181	296	429	824	3,5123	654	1,485
21	8	95	246	374	830	3,5178	916	1,429
2	42	25	245	84	559	3,4809	585	1,366
6	107	7	135	56	430	3,4670	427	1,511
10	93	29	156	75	367	3,4966	293	1,836
4	12	40	424	161	764	3,5763	536	2,289
20	159	21	160	164	486	3,5028	295	1,661
47	132	88	231	173	461	3,5289	315	1,743
3	2	157	639	259	917	3,5422	648	2,245
15	41	87	247	225	512	3,4304	422	1,389
13	30	32	148	213	532	3,4258	487	1,351
12	24	68	281	150	552	3,4625	567	1,423
6	9	37	78	354	1047	3,4452	931	1,530
5	5	28	424	175	972	3,4602	939	1,395
18	34	96	268	180	575	3,4879	583	1,328
84	78	432	397	639	631	3,5559	512	1,648
34	40	328	405	450	550	3,4233	418	1,572
80	83	127	151	229	464	3,3807	261	1,820
42	50	85	291	161	442	3,3845	404	1,394
7	71	48	390	71	421	3,3800	351	1,385
19	86	36	120	87	347	3,4089	279	1,907
12	6	36	89	318	1060	3,4168	1296	1,302

11	15	77	232	263	756	3,3867	582	1,402
29	79	84	128	447	518	3,3682	463	1,244
6	61	34	181	78	297	3,3703	376	1,303
9	7	244	297	437	656	3,3954	1286	1,138
12	195	28	336	43	342	3,3614	287	1,192
12	19	45	80	132	534	3,3833	686	1,519
2	19	63	367	123	624	3,4837	255	2,655
9	250	34	329	62	401	3,3571	377	1,149
1	4	15	126	134	879	3,4112	804	1,555
31	106	59	155	126	369	3,4259	287	1,411
4	7	48	592	187	793	3,3809	732	1,313
87	44	179	84	547	614	3,4535	730	1,477
42	141	51	164	101	269	3,3745	197	2,096
7	52	31	217	103	564	3,5195	234	2,611
13	44	23	86	265	482	3,3515	361	1,465
38	59	61	81	238	488	3,3588	489	1,237
70	251	82	290	84	290	3,4307	143	2,035
12	80	32	214	47	366	3,5243	214	2,561
17	24	100	248	220	511	3,3244	400	1,335
5	0	39	94	535	3675	3,7955	1904	3,385
4	23	24	92	88	413	3,3336	604	1,386
28	92	56	261	115	396	3,4128	271	1,664
6	14	47	189	194	649	3,3416	415	1,677
11	52	87	491	107	613	3,6552	230	3,096
2	0	213	342	364	819	3,3443	1594	1,214
3	67	22	121	55	330	3,3875	334	1,692
12	24	47	92	235	574	3,3060	448	1,696
24	66	78	165	117	403	3,3000	318	1,365
17	34	97	238	287	517	3,3883	474	1,549
34	111	73	223	116	317	3,2905	263	1,232
24	170	46	181	145	281	3,3000	257	1,206
13	29	49	426	68	482	3,3213	424	1,179
15	21	119	254	206	415	3,2959	334	1,524
24	156	47	185	98	252	3,3130	210	1,400
46	117	75	197	103	255	3,2842	204	1,373
50	65	86	110	242	354	3,2816	326	1,301
3	9	59	321	103	379	3,3266	1012	1,178
3	11	31	118	317	750	3,3376	614	1,567
23	155	34	196	77	234	3,2697	225	1,329
23	14	326	271	455	324	3,3072	1192	1,070
6	50	26	196	82	384	3,3945	219	2,082
28	143	29	157	131	294	3,2676	177	1,791
29	26	217	135	383	327	3,2835	747	1,174
69	58	180	142	313	302	3,3053	362	1,456
6	59	24	152	77	279	3,3311	433	1,515
1	0	38	495	45	502	3,3064	1066	1,582
14	27	53	474	127	588	3,5656	294	2,429
53	95	91	192	97	281	3,2690	261	1,149
11	16	54	139	238	593	3,3201	528	1,475
0	0	59	226	192	646	3,3752	1325	1,689
17	102	53	265	62	269	3,2671	224	1,259

36	109	55	171	71	228	3,2613	210	1,314
23	42	67	85	245	373	3,2413	301	1,575
75	84	132	135	169	215	3,2430	323	1,331
18	27	40	98	186	375	3,2687	507	1,300
26	57	70	155	129	328	3,2565	276	1,471
33	40	79	132	230	426	3,4196	1047	1,223
4	48	38	344	51	453	3,6082	454	1,811
0	0	29	47	576	1812	3,3074	1712	1,499
14	21	31	40	220	453	3,2622	548	1,547
8	21	42	214	243	500	3,2475	307	1,746
26	59	75	210	152	321	3,2376	253	1,435
15	47	52	128	125	283	3,2381	361	1,213
34	175	58	223	82	235	3,2103	200	1,180
70	45	161	193	257	320	3,2083	248	1,407
15	24	53	113	122	257	3,2138	324	1,593
21	57	60	143	159	298	3,2361	205	1,595
7	5	77	154	180	496	3,2117	487	1,505
27	62	67	86	140	271	3,2103	382	1,194
12	35	81	249	117	285	3,3187	259	2,239
4	9	63	236	93	335	3,1967	222	2,225
0	0	27	514	32	556	3,2347	274	2,168
76	73	103	74	231	825	3,1956	785	1,052
29	110	64	188	98	195	3,2313	201	1,438
38	242	47	247	63	250	3,1944	348	1,161
13	37	40	88	279	521	3,2859	439	1,743
57	94	105	134	201	401	3,2577	315	1,368
3	8	34	179	90	520	3,2807	543	1,512
11	9	28	46	182	525	3,1874	582	1,306
2	36	19	285	38	516	3,6453	227	4,489
32	11	198	112	420	470	3,2014	604	1,276
1	0	36	574	39	586	3,2279	434	1,825
24	25	78	248	121	388	3,2098	322	1,360
68	94	97	151	199	321	3,2963	110	3,036
21	15	60	49	247	567	3,1816	516	1,386
15	65	29	170	124	362	3,2671	193	2,000
0	0	23	153	152	734	3,2250	1146	1,449
4	11	17	63	230	623	3,1910	471	1,452
21	27	53	106	82	278	3,1876	356	1,553
28	12	161	195	246	237	3,1829	711	1,120
23	73	42	103	138	352	3,2778	225	1,684
9	0	76	231	219	936	3,2017	713	1,426
30	187	35	191	40	194	3,2322	93	2,097
43	77	67	154	96	306	3,1653	310	1,139
16	88	46	239	52	239	3,3037	187	1,540
2	7	49	486	69	515	3,2717	529	1,176
26	88	53	154	86	198	3,1545	138	1,493
0	0	20	63	583	1378	3,2241	1129	1,516
37	113	50	121	85	189	3,1556	155	1,394
7	7	56	101	169	604	3,2262	382	1,950
5	13	24	246	39	319	3,2351	146	3,089
6	32	85	165	160	353	3,2100	255	1,976

64	111	91	152	164	258	3,1871	230	1,213
7	67	37	216	49	224	3,1487	207	1,092
6	12	32	178	77	337	3,1816	295	2,173
2	0	66	408	94	601	3,2714	209	4,325
0	0	21	37	582	1542	3,1885	1497	1,249
4	64	16	210	19	213	3,1519	193	1,601
0	0	37	333	109	539	3,2029	580	1,912
14	9	49	57	285	561	3,1495	396	1,649
12	59	33	146	48	321	3,1918	297	1,343
16	21	88	202	275	475	3,3044	285	2,147
37	15	116	141	256	426	3,2160	344	1,520
22	18	39	184	58	236	3,1690	486	1,195
7	6	44	149	127	426	3,2571	1011	1,317
10	137	30	182	43	187	3,1668	184	1,245
4	39	38	144	71	212	3,1636	276	1,239
27	101	42	106	116	234	3,1216	138	1,696
4	7	37	48	233	567	3,1433	761	1,319
16	12	81	118	182	314	3,1715	476	1,723
33	72	40	75	216	384	3,2702	280	1,561
2	37	17	160	36	290	3,2702	151	2,662
8	26	41	101	118	292	3,1191	266	1,391
5	17	31	113	110	404	3,1855	325	1,582
1	4	62	240	96	392	3,1784	457	1,394
10	32	58	229	63	229	3,1191	208	1,216
7	95	13	110	28	186	3,1184	135	1,993
40	21	122	90	271	252	3,1890	623	1,307
13	30	103	481	228	825	3,7046	289	4,363
78	138	94	143	103	144	3,1103	117	1,239
39	52	153	220	227	295	3,1504	148	2,176
91	129	220	245	270	267	3,1194	227	1,203
7	44	39	193	43	209	3,1160	120	1,883
6	21	30	204	72	344	3,2413	232	1,849
7	17	39	173	139	361	3,1748	353	1,482
19	29	79	125	193	248	3,1533	351	1,513
5	7	93	375	121	491	3,3461	280	2,425
3	13	136	1265	136	1265	3,9334	268	4,817
17	70	60	218	96	276	3,2646	153	2,085
14	47	35	137	65	216	3,1055	324	1,201
13	67	33	122	56	211	3,1219	215	1,214
13	16	77	291	165	544	3,3445	323	2,071
91	79	151	135	316	328	3,2422	222	1,770
32	25	48	29	166	382	3,1191	432	1,255
4	21	33	109	100	248	3,1222	330	1,282
0	0	88	108	191	724	3,1646	1150	1,347
17	13	100	174	295	416	3,2374	540	1,517
17	45	59	149	137	322	3,2013	304	1,530
0	0	89	394	131	499	3,1409	533	1,477
2	3	51	190	77	440	3,1507	542	1,369
30	67	81	125	150	251	3,0914	203	1,384
3	5	14	55	144	547	3,1207	443	1,438
12	10	213	369	316	596	3,3370	369	1,854

3	0	46	311	242	752	3,1983	465	2,185
1	27	22	203	47	331	3,4283	242	3,141
49	147	64	164	82	179	3,0773	179	1,128
8	9	85	96	263	338	3,1178	493	1,430
9	12	76	165	141	256	3,0658	250	1,268
1	0	68	179	138	274	3,0882	1100	1,128
8	18	48	286	115	350	3,0908	303	1,254
23	29	35	249	48	318	3,0708	356	1,067
27	161	36	161	48	181	3,0636	136	1,382
20	63	36	117	68	182	3,0624	164	1,177
3	18	24	151	95	355	3,1765	129	2,767
11	102	13	112	24	200	3,1776	104	1,923
25	39	63	87	158	182	3,0964	214	1,682
10	26	17	50	180	362	3,1076	268	1,604
28	45	125	162	220	320	3,1892	231	1,528
49	107	60	115	205	261	3,0698	174	1,592
22	42	45	77	152	276	3,0521	219	1,402
2	2	43	200	93	370	3,0905	420	1,440
7	3	84	460	88	462	3,0467	294	1,595
7	34	29	127	60	250	3,0738	146	1,822
1	0	13	93	68	666	3,1004	661	1,667
8	86	11	86	36	165	3,0447	211	1,109
5	109	26	145	107	198	3,0390	162	1,265
4	19	18	149	34	187	3,0746	312	1,401
13	44	46	117	124	218	3,0370	162	1,500
6	19	54	107	147	188	3,0711	343	1,650
15	13	34	33	356	502	3,1361	627	1,372
0	0	26	362	41	450	3,1547	496	1,782
1	0	114	572	174	847	3,3263	375	2,739
15	28	60	145	132	301	3,1239	259	1,641
3	0	30	76	163	664	3,0993	839	1,306
3	24	40	156	199	369	3,0705	283	1,509
57	57	85	101	168	225	3,0272	225	1,218
4	20	24	54	106	353	3,0701	313	1,543
16	48	76	90	212	286	3,0621	253	1,206
42	55	73	64	151	264	3,0688	229	1,192
11	29	36	83	133	232	3,0271	246	1,325
26	10	248	222	312	304	3,0285	370	1,216
2	20	25	212	44	231	3,0377	205	1,624
87	67	142	143	215	225	3,0966	188	1,346
6	39	36	118	74	200	3,0223	144	1,618
10	22	57	131	105	272	3,0684	201	1,925
15	21	47	69	131	285	3,0527	270	1,330
0	0	64	469	67	470	3,0179	445	1,265
27	105	38	113	44	115	3,0119	101	1,149
19	22	53	68	239	342	3,0763	427	1,253
6	21	27	95	63	205	3,0327	278	1,349
7	35	12	42	79	272	3,0502	328	1,287
68	105	124	220	139	232	3,2381	138	1,790
42	50	60	127	113	256	3,1055	157	1,847
7	0	51	78	197	464	3,0333	1058	1,241

12	1	273	285	468	544	3,0418	537	1,324
25	50	64	150	92	211	3,0777	165	1,436
4	32	22	75	52	185	3,0109	253	1,372
10	2	63	402	65	402	3,1439	176	2,295
11	24	68	133	106	293	3,1713	186	2,140
17	16	36	47	192	500	3,0662	409	1,550
3	9	17	19	350	604	3,0532	771	1,272
6	36	32	109	71	246	3,0104	218	1,261
15	56	46	204	65	248	3,2247	181	1,823
5	1	50	164	133	645	3,2486	377	2,316
3	2	24	111	89	370	3,0013	343	1,434
33	18	119	88	251	309	2,9983	312	1,160
19	34	31	56	69	208	3,0115	251	1,331
12	50	56	108	191	222	2,9889	148	1,534
9	29	50	155	65	186	3,0357	171	1,497
11	9	50	184	78	292	3,2007	308	1,779
20	41	33	97	96	198	3,0316	166	1,843
5	4	38	137	167	415	3,0920	397	1,705
16	37	86	109	194	256	2,9843	195	1,390
43	76	125	181	161	254	3,1291	179	1,849
5	28	11	168	20	229	2,9793	120	1,908
2	2	49	159	146	721	3,1961	572	1,783
0	0	12	202	109	569	3,0406	426	1,540
76	97	106	192	114	198	3,0076	179	1,190
24	20	85	158	243	273	3,0758	290	1,317
2	3	68	202	114	321	2,9946	297	1,377
2	0	48	357	105	644	3,2703	245	3,833
9	0	78	91	300	616	3,0134	535	1,587
37	41	81	168	96	206	3,0742	129	1,690
39	60	134	269	167	338	3,2517	160	2,500
0	0	13	149	37	522	3,0740	383	2,159
2	0	36	35	199	644	3,0015	692	1,574
4	39	47	201	53	207	3,0659	101	2,129
15	4	91	120	258	448	3,0991	477	1,287
4	49	27	211	50	389	3,4880	179	2,916
70	41	141	161	183	199	3,0062	241	1,394
171	103	297	201	400	308	3,1700	202	1,678
6	24	47	115	96	201	2,9970	265	1,219
43	173	52	180	52	180	2,9624	173	1,040
4	68	26	134	50	156	3,0108	140	1,457
0	0	35	178	180	515	3,0520	608	1,623
12	38	54	92	94	174	2,9599	171	1,655
14	5	49	272	77	337	3,0005	300	1,283
16	18	57	39	270	348	2,9556	341	1,120
5	10	36	142	101	291	3,0572	220	1,814
11	11	24	51	123	219	2,9657	260	1,927
5	9	26	48	203	451	3,0198	412	1,320
16	62	34	68	89	183	3,0012	248	1,133
10	26	16	42	129	268	2,9731	256	1,320
10	6	25	52	168	396	3,0083	386	1,487
11	56	39	118	60	155	2,9625	99	1,606

32	39	91	97	127	237	2,9657	263	1,205
2	3	21	102	117	262	3,0032	398	1,633
19	95	42	172	54	218	3,3388	179	2,067
10	136	23	158	48	180	2,9452	176	1,091
12	6	164	165	244	195	2,9564	402	1,095
11	1	21	47	103	430	2,9817	443	1,847
44	47	81	101	120	140	2,9421	121	1,289
5	2	66	76	262	362	2,9865	524	1,374
11	47	34	65	89	266	2,9474	212	1,373
1	3	13	80	52	280	2,9518	259	2,046
10	19	70	132	178	233	2,9529	177	1,531
18	28	75	103	137	252	2,9861	174	1,563
19	46	31	86	75	158	2,9594	137	1,409
5	42	18	127	35	154	2,9987	127	1,528
5	2	53	98	216	459	2,9812	453	1,669
4	24	17	72	51	222	2,9531	200	1,400
6	49	25	93	93	145	2,9329	91	1,989
4	3	29	91	89	271	2,9556	457	1,333
29	54	44	89	67	115	3,1409	181	2,232
51	40	147	90	377	247	2,9971	226	1,274
20	33	31	65	137	245	3,0095	248	1,262
12	20	56	100	166	313	3,0294	284	1,359
12	44	30	88	111	182	2,9246	118	1,602
6	1	80	153	110	294	2,9475	561	1,143
125	76	267	223	281	223	3,0572	149	1,523
96	67	137	137	143	146	2,9389	81	1,802
18	106	39	162	63	208	3,0974	95	2,189
2	9	43	76	110	286	2,9630	343	1,335
16	21	44	121	104	180	2,9173	192	1,167
15	45	20	48	61	168	2,9262	156	1,340
38	89	63	151	94	175	2,9345	121	1,488
65	104	84	124	107	144	2,9356	96	1,500
77	27	184	75	355	314	3,0529	284	1,482
13	45	17	54	89	224	3,0373	158	2,057
7	12	96	128	220	234	3,0523	477	1,262
4	16	30	87	53	188	2,9518	178	1,433
2	4	18	147	57	241	2,9126	365	1,386
8	27	115	169	151	273	3,0648	187	1,583
10	27	20	29	83	157	2,9322	292	1,202
0	0	14	10	250	730	2,9756	885	1,676
11	25	61	154	74	180	2,9108	90	2,067
3	2	78	907	85	953	3,5541	296	3,591
23	34	39	58	159	182	2,9490	228	1,399
42	73	51	79	141	175	2,9047	160	1,094
13	52	60	125	124	303	3,1185	210	1,719
14	14	110	264	122	281	3,0657	156	2,186
33	33	92	104	148	193	2,9033	125	1,672
6	17	47	107	77	163	2,9676	231	1,299
3	0	16	125	91	354	2,9181	265	2,143
15	11	66	44	184	278	2,9190	362	1,326
3	7	18	102	35	247	2,9014	147	1,884

0	0	37	257	46	328	2,9206	265	1,434
7	16	60	87	157	223	2,9447	338	1,201
0	0	37	130	148	344	2,9254	537	1,300
0	0	40	285	78	659	3,1873	325	2,274
3	6	53	232	55	241	3,0376	159	2,321
12	78	22	137	23	143	2,8955	130	1,100
42	45	77	84	237	305	3,1621	419	1,570
10	28	12	34	61	329	2,9946	218	1,665
3	19	17	105	60	234	2,9353	227	1,419
64	53	98	87	223	198	2,9630	198	1,525
0	0	35	268	64	361	2,9859	331	1,970
78	97	78	97	78	97	2,8852	83	1,169
5	8	24	68	51	234	3,0437	265	2,098
27	46	61	73	155	171	2,9502	156	1,551
7	6	68	187	162	339	2,9422	221	1,670
42	48	72	83	127	179	2,9197	167	1,246
1	2	90	330	101	347	2,9686	271	1,292
19	28	46	41	211	225	2,8808	259	1,324
2	15	37	148	41	151	2,9049	187	1,513
2	1	40	20	194	462	2,9302	567	1,901
24	35	120	164	155	184	2,9148	126	1,548
5	2	28	36	82	348	2,9004	326	1,500
19	13	33	53	92	148	2,8804	223	1,377
3	17	16	143	37	321	3,3886	252	3,179
21	21	106	157	184	214	3,0286	217	1,553
1	1	21	191	36	283	2,9175	390	1,387
20	38	82	150	119	198	3,0286	196	1,383
2	20	22	63	69	183	2,9020	167	1,898
1	9	10	108	43	152	2,9093	169	1,722
19	26	84	181	105	250	3,0620	170	1,812
55	70	86	95	116	126	2,8765	120	1,442
2	0	63	88	232	506	2,8824	465	1,551
0	0	14	19	177	746	2,8955	375	2,120
32	53	48	83	98	172	2,8729	149	1,175
27	17	84	43	232	321	2,9298	243	1,432
18	3	52	59	283	579	2,9832	422	1,550
0	0	29	316	34	331	2,8891	238	1,479
10	81	24	109	117	204	2,8947	207	1,087
1	1	40	199	89	375	2,9694	237	1,958
7	8	34	70	124	292	2,9419	302	1,305
6	7	35	81	69	209	2,9101	252	1,440
2	6	18	45	124	321	2,9766	440	1,566
0	0	21	104	57	372	2,8789	586	1,435
21	32	63	132	129	226	2,9622	183	1,377
0	0	32	126	80	508	2,8668	533	1,203
0	0	20	291	24	291	2,8594	668	1,352
17	100	124	424	147	522	3,5754	118	4,449
2	4	21	69	109	312	3,0280	677	1,402
15	13	101	141	157	267	2,9558	280	1,321
34	28	56	60	91	202	2,8551	186	1,108
11	55	43	100	70	163	2,9482	109	2,138

29	21	114	186	164	234	2,9756	178	1,360
2	7	64	172	165	321	3,0323	200	2,040
5	11	20	68	72	202	2,9182	281	1,452
11	27	39	76	89	192	2,9172	251	1,375
1	12	18	118	32	151	2,9034	155	1,555
25	15	68	90	130	190	2,8439	184	1,217
8	41	14	54	38	193	2,8470	178	1,084
16	43	82	112	147	175	2,8794	121	1,521
35	97	83	187	121	314	3,2818	166	2,000
0	0	18	47	294	685	2,8927	661	1,284
16	96	30	128	43	134	2,8454	121	1,107
11	14	27	32	190	316	2,9105	361	1,319
1	4	43	310	63	448	3,2671	142	3,993
44	64	67	108	99	149	2,8409	108	1,407
1	9	39	159	78	208	2,9440	175	1,817
1	0	51	133	111	306	2,8984	599	1,347
7	30	24	70	88	138	2,8695	187	1,417
0	0	57	257	92	368	2,8814	284	1,444
52	84	70	105	76	113	2,8344	112	1,054
13	30	36	70	133	197	2,8668	174	1,259
3	0	47	192	97	344	2,9881	286	2,822
1	17	38	88	79	189	2,8725	173	1,665
13	23	48	100	112	207	2,9772	239	1,628
5	9	35	56	165	203	2,8650	246	1,654
14	15	61	113	73	140	2,8820	228	1,561
5	13	45	109	90	194	2,8956	183	1,388
21	39	50	81	135	143	2,8468	103	1,796
9	44	40	52	122	122	2,8337	109	1,569
2	1	16	31	269	658	2,9616	617	1,588
14	14	43	30	143	334	2,8297	217	1,571
7	17	35	67	80	163	2,8233	125	1,496
3	11	50	158	62	224	2,9359	207	1,449
21	53	83	116	96	128	2,8329	107	1,215
28	61	57	79	79	109	2,8467	108	1,454
0	0	27	74	89	364	2,9821	600	1,593
5	2	90	95	335	370	2,8579	382	1,364
142	108	150	145	155	185	3,2186	119	1,580
39	97	59	110	60	110	2,8194	85	1,294
5	19	26	59	101	211	2,9552	273	1,385
14	11	137	124	224	320	2,9847	258	1,485
0	0	157	407	176	474	2,9780	266	2,008
5	1	49	56	518	479	2,9085	583	1,467
0	0	34	253	63	593	3,2847	545	2,470
4	1	31	88	147	295	2,8605	294	1,364
6	12	39	35	101	249	2,9574	275	1,698
11	16	48	87	120	208	2,8790	177	1,537
6	30	60	98	212	281	2,9898	142	2,373
8	14	34	145	47	160	2,8584	198	1,152
5	44	29	126	66	174	2,8367	151	1,278
11	52	60	120	84	144	2,9444	146	1,623
24	70	52	125	54	130	2,9661	137	1,299

18	5	55	116	88	223	2,8811	261	1,257
13	32	33	48	173	256	2,8919	195	1,554
10	37	45	116	66	139	2,8287	56	2,768
3	14	23	42	116	240	2,8743	266	1,372
55	77	65	78	80	93	2,8217	91	1,132
30	76	85	127	178	232	3,0630	189	1,524
2	1	60	122	170	313	2,8392	360	1,450
7	35	29	79	74	205	2,9715	159	1,717
0	0	11	103	63	375	2,8840	456	1,632
4	6	28	151	64	234	2,8503	205	1,473
0	0	28	133	64	272	2,8655	361	1,432
0	0	11	118	57	287	2,8086	350	1,371
9	6	91	100	168	196	2,8376	392	1,125
1	0	28	187	35	212	2,9163	713	1,642
75	99	82	104	87	108	2,8388	76	1,447
10	7	45	134	84	196	2,8564	196	1,444
8	9	32	54	146	300	2,9850	249	2,120
8	8	38	77	89	282	2,7994	308	1,130
2	0	104	137	324	415	2,8111	381	1,249
8	7	20	58	120	281	2,8482	327	1,214
19	29	63	65	129	157	2,8512	118	1,780
40	78	84	88	101	109	2,7997	79	1,443
35	48	49	89	80	106	2,8022	135	1,341
22	16	63	37	419	339	2,8520	244	1,676
24	15	47	36	147	201	2,7951	206	1,204
27	33	40	118	73	185	2,9245	156	1,462
35	58	47	71	70	102	2,7871	95	1,179
18	93	23	93	24	93	2,7925	85	1,129
21	61	66	160	113	273	3,0862	151	1,960
7	25	18	77	26	140	2,8311	79	1,823
17	15	36	35	99	214	2,8385	188	1,293
2	8	34	85	134	207	2,8177	206	1,723
7	34	39	100	159	206	2,9192	140	1,807
30	92	31	93	32	93	2,7882	75	1,240
11	49	28	64	47	121	2,7926	139	1,180
3	15	24	31	110	218	2,8343	237	1,224
0	0	59	171	129	287	2,8404	358	1,444
5	14	29	155	48	165	2,8211	138	1,261
9	65	33	103	76	162	2,8525	132	1,394
5	0	37	83	118	343	2,8146	483	1,302
2	10	24	119	48	192	2,8762	146	1,623
8	10	44	142	53	190	2,7991	127	1,543
24	20	30	37	47	218	2,8515	127	2,283
0	0	42	208	62	284	2,8068	254	1,732
11	9	63	84	113	176	2,7996	275	1,204
1	11	15	58	61	147	2,8067	174	1,408
5	34	53	113	83	118	2,7843	129	1,124
2	1	45	96	179	346	2,9525	422	1,905
19	8	60	41	187	267	2,8021	299	1,157
7	25	20	80	35	131	2,7631	133	1,120
33	29	55	65	97	137	2,7785	134	1,291

22	19	61	82	155	193	2,8033	121	1,653
9	4	23	43	177	374	2,8403	360	1,411
6	0	35	23	93	273	2,7921	590	1,461
8	1	47	262	112	328	2,7961	360	1,200
1	4	10	39	48	341	2,8408	435	1,246
11	5	48	124	143	277	2,9686	229	1,996
35	10	66	46	193	240	2,8469	208	1,591
55	60	125	185	149	229	3,1244	123	2,821
0	0	11	18	107	374	2,8505	552	1,846
9	18	16	23	69	237	2,8021	236	1,242
15	23	51	51	170	200	2,7745	135	1,585
1	8	13	100	18	152	2,9906	131	3,038
7	17	26	82	40	112	2,8067	211	1,284
19	49	30	67	86	148	2,8270	132	1,318
2	17	18	98	53	135	2,7829	130	1,546
38	47	73	143	78	148	2,8492	131	1,412
64	70	98	111	187	238	2,9942	165	1,545
33	91	54	112	59	117	2,7644	104	1,202
0	0	28	132	177	531	2,9226	388	1,807
5	3	35	62	189	326	2,8446	308	1,409
2	5	18	92	36	171	2,7875	203	1,291
8	19	49	172	89	240	3,0274	170	1,935
0	0	56	134	92	190	2,8500	394	2,015
70	79	85	90	119	99	2,7565	90	1,111
16	25	48	80	80	127	2,7947	137	1,453
1	0	60	96	281	337	2,9149	512	1,488
16	8	99	83	184	199	2,7891	274	1,150
19	56	85	159	135	237	3,1144	123	2,293
12	26	82	201	151	309	3,1037	176	2,131
0	0	38	102	117	397	2,7983	332	1,434
179	31	497	143	591	160	2,7600	117	1,393
7	7	27	25	144	381	2,9454	370	1,559
1	1	43	132	76	205	2,7657	284	1,317
8	33	21	59	62	95	2,7480	133	1,293
7	7	24	14	312	558	2,9086	333	1,808
33	20	92	123	112	145	2,8142	145	1,200
10	61	12	66	26	104	2,7566	81	1,284
11	6	61	142	103	230	2,8652	226	1,465
5	37	18	76	36	97	2,7426	76	1,303
24	15	92	133	284	387	3,0465	364	1,464
1	0	37	73	153	307	2,8109	479	1,539
15	8	88	46	323	266	2,8495	376	1,545
13	71	25	79	50	98	2,7532	85	1,153
1	1	38	66	291	376	2,8043	363	1,479
3	3	24	43	96	240	2,7705	333	1,258
3	20	25	96	56	120	2,7368	133	1,188
75	45	223	105	245	111	2,7397	128	1,383
1	7	12	106	46	203	2,9501	162	2,321
9	32	30	51	54	108	2,7652	86	1,837
21	12	44	53	82	138	2,7573	220	1,400
11	25	33	89	59	211	2,9410	228	1,276

2	25	21	78	26	106	2,7326	85	1,294
6	4	46	26	248	279	2,8007	407	1,479
26	47	44	83	57	110	2,7324	105	1,076
15	18	22	37	140	205	2,9816	209	2,536
2	0	115	214	241	310	2,8647	499	1,210
2	3	27	145	55	186	2,7413	128	1,680
3	30	17	68	25	108	2,8504	154	1,318
1	0	13	167	63	293	2,7497	470	1,253
74	59	97	103	111	140	2,9150	75	1,960
8	0	53	14	206	610	2,8410	337	2,074
0	0	23	227	28	256	2,7415	321	1,393
24	74	38	94	55	102	2,7036	100	1,040
0	0	10	47	24	184	2,8399	322	2,196
4	0	34	185	80	299	2,7462	256	1,445
62	77	75	79	78	93	2,7272	45	2,067
2	30	15	56	37	98	2,8048	155	1,355
0	0	11	152	40	281	2,7283	400	1,198
1	0	9	20	43	381	2,8237	426	1,573
3	0	21	15	220	445	2,7660	641	1,257
2	11	15	78	22	143	2,8012	166	1,657
0	0	13	241	15	246	2,7297	194	1,691
18	2	33	11	252	429	2,7820	471	1,442
27	40	48	77	52	99	2,7255	106	1,217
3	1	55	99	233	315	2,7326	281	1,189
25	41	141	156	173	169	2,8308	105	1,752
7	18	115	187	212	278	3,0415	181	1,956
17	16	37	115	57	130	2,7376	91	1,473
3	1	66	160	132	352	2,9309	337	1,558
2	12	5	25	107	233	2,7607	232	1,259
1	0	33	180	49	207	2,9416	358	2,003
12	17	54	118	68	135	2,7663	84	1,726
14	21	44	69	103	234	2,8743	120	1,983
7	7	25	112	102	262	2,8984	190	1,679
1	5	14	89	53	207	2,8377	194	1,490
4	11	69	161	96	199	2,8480	167	1,605
4	3	71	133	78	145	2,7514	237	1,333
11	17	23	116	66	164	2,8259	106	1,792
6	12	38	94	54	136	2,7984	186	1,839
3	16	24	65	44	103	2,7276	160	1,356
2	1	82	191	112	233	2,8101	260	1,415
4	4	29	166	29	166	2,7418	68	2,529
22	29	38	64	195	175	2,7301	139	1,381
1	1	13	29	97	288	2,7951	294	1,813
77	67	99	72	123	93	2,7186	74	1,554
8	2	27	32	141	348	2,7178	410	1,215
2	4	31	75	65	157	2,7655	216	1,597
0	0	68	73	137	154	2,7413	522	1,222
21	26	46	90	57	109	2,7124	88	1,341
5	2	67	234	133	306	2,7934	345	1,122
10	27	37	103	77	179	2,9338	135	1,615
8	102	13	107	20	108	2,7096	96	1,125

3	18	10	44	41	133	2,7818	175	1,440
3	4	36	120	109	264	2,9070	210	1,667
1	1	16	68	68	231	2,7457	463	1,190
2	13	21	133	58	188	2,8844	111	2,126
12	17	44	57	184	161	2,7967	181	1,331
2	0	26	217	36	232	2,7242	192	1,302
24	21	93	82	155	159	2,7506	80	2,275
0	0	53	173	115	377	2,9179	350	1,903
46	75	71	99	83	131	2,8668	92	1,435
6	26	24	72	43	107	2,7038	80	1,388
39	64	65	92	81	111	2,7300	65	1,708
7	16	38	52	73	185	2,7670	173	1,347
1	0	14	15	211	421	2,7399	614	1,528
6	57	12	78	16	80	2,7024	89	1,169
0	0	30	137	61	267	2,8011	325	1,446
5	12	25	82	58	191	2,8742	186	1,457
6	1	75	150	141	207	2,7100	191	1,351
4	12	48	139	78	182	2,9404	144	2,014
1	3	9	188	21	261	2,8018	221	1,502
16	30	57	95	68	115	2,7846	132	1,386
0	0	16	55	50	216	2,7999	418	1,557
35	36	64	62	129	133	2,7187	127	1,189
3	8	15	30	66	326	2,8460	205	2,268
7	180	17	186	26	189	2,7030	186	1,016
62	69	87	79	95	79	2,7079	44	1,795
38	54	93	66	153	97	2,7261	86	1,267
0	0	15	171	33	186	2,8495	314	2,137
0	0	17	82	73	168	2,7947	397	1,562
4	9	49	82	96	191	2,6983	174	1,144
1	2	40	110	53	179	2,7583	237	1,325
0	0	24	210	28	234	2,7385	113	2,089
0	0	21	66	75	236	2,7259	260	1,362
15	23	40	56	131	141	2,7439	85	2,400
4	10	13	33	62	167	2,7495	183	1,317
0	0	31	44	94	285	2,7729	518	1,284
6	18	78	216	84	241	2,9112	115	2,096
25	72	31	78	41	81	2,6915	72	1,125
1	0	13	29	170	345	2,7149	470	1,260
0	0	55	137	182	374	2,8467	328	1,637
7	25	27	35	84	132	2,7003	192	1,339
2	1	56	91	137	434	2,7053	470	1,119
4	35	31	86	66	117	2,7047	81	1,679
11	47	31	79	69	117	2,7200	95	1,442
0	0	32	125	42	178	2,7625	536	1,280
8	13	33	84	52	130	2,6884	119	1,429
13	18	45	68	88	162	2,8096	150	1,693
2	0	26	131	82	286	2,7776	315	1,448
0	0	10	86	72	231	2,7030	263	1,688
10	6	54	78	92	177	2,6900	239	1,080
7	2	36	47	86	224	2,7233	179	2,229
4	16	19	56	72	164	2,7262	157	1,344

3	3	25	76	76	270	2,7983	176	1,540
5	28	26	102	30	102	2,7269	130	1,208
28	13	95	141	137	189	2,6872	158	1,215
7	19	15	30	64	128	2,7406	144	1,431
7	2	32	53	189	347	2,7600	304	1,569
0	0	10	84	39	165	2,7384	306	1,493
7	9	26	69	54	164	2,7706	177	1,362
8	33	29	99	96	140	2,7019	132	1,250
1	0	20	47	116	315	2,6996	285	1,435
0	0	51	196	128	256	2,7464	344	1,279
10	31	30	66	64	109	2,7323	111	1,486
4	23	15	58	21	99	2,7110	113	1,283
3	0	48	42	238	445	2,7546	466	1,371
12	7	18	30	59	188	2,8259	1652	1,110
20	44	34	55	101	101	2,6802	93	1,194
1	0	56	157	91	197	2,7014	347	1,210
3	3	39	61	71	122	2,7160	225	1,671
15	39	24	49	70	115	2,6767	101	1,218
0	0	15	47	177	467	2,7522	293	1,638
8	20	23	108	34	140	2,7218	112	1,348
6	26	15	49	70	140	2,7003	132	1,364
4	1	29	19	292	485	2,8046	567	1,519
7	1	34	19	217	333	2,6820	375	1,299
4	1	143	151	211	209	2,6982	291	1,100
0	0	56	243	95	294	2,7929	240	1,829
1	0	78	190	145	300	2,7666	295	1,373
9	13	118	164	129	171	2,6842	118	1,466
3	3	44	157	61	174	2,6744	141	1,284
10	9	36	73	74	116	2,7350	244	1,238
9	5	55	22	237	256	2,6951	230	1,570
9	11	48	105	83	157	2,7139	138	1,507
31	81	41	105	46	109	2,8752	57	1,912
49	35	103	58	182	181	2,7994	86	2,105
4	15	20	113	26	116	2,7284	128	1,219
3	32	5	33	55	168	2,6787	136	1,235
1	6	7	26	82	253	2,7741	282	1,401
1	1	38	152	65	214	2,7863	169	2,207
4	43	13	101	15	104	2,6670	45	2,356
9	16	30	74	46	107	2,7252	127	1,535
7	12	48	113	51	114	2,7798	170	1,424
46	68	53	76	62	80	2,6795	77	1,130
3	2	65	47	212	257	2,7370	410	1,220
35	84	42	85	48	92	2,6644	82	1,183
20	38	50	65	139	153	2,8190	147	1,544
10	26	13	26	102	173	2,6612	129	1,341
2	0	49	157	66	267	2,6890	175	1,800
0	0	12	35	149	341	2,6759	276	1,971
19	23	97	169	108	173	2,8165	144	1,521
6	10	28	22	163	216	2,6814	174	1,661
7	41	36	75	47	82	2,6659	76	1,092
4	5	18	109	33	193	2,7431	121	1,628

2	14	17	78	37	114	2,8452	219	1,219
0	0	18	187	32	245	2,9442	346	1,983
12	56	36	61	131	130	2,7022	174	1,086
17	6	74	119	114	197	2,8389	170	1,635
8	3	64	92	110	200	2,6864	173	1,468
0	0	32	126	95	236	2,7003	224	1,500
6	5	20	16	121	212	2,7234	299	1,421
1	1	15	235	16	236	2,7105	215	1,242
29	17	104	167	114	178	2,8577	136	1,426
0	0	97	131	154	159	2,6600	336	1,104
16	19	35	34	103	189	2,7095	191	1,283
1	12	13	63	30	112	2,6629	92	1,457
0	0	10	36	139	385	2,7412	284	1,842
6	5	19	83	43	145	2,7192	237	1,376
2	1	37	106	54	157	2,7465	244	1,721
6	11	36	114	54	143	2,8274	153	1,569
2	13	6	170	6	170	2,6534	172	1,343
35	51	95	108	111	115	2,7552	89	1,753
1	4	18	86	61	252	2,7989	167	2,036
14	22	117	108	144	122	2,7059	149	1,161
2	35	6	64	18	88	2,6588	105	1,190
5	2	29	81	87	184	2,8127	213	1,836
18	30	44	69	125	211	2,8665	148	1,615
1	6	37	59	78	180	2,7855	226	1,593
3	4	27	170	32	176	2,7724	216	1,306
34	47	88	194	95	203	3,0168	118	2,119
41	7	229	175	321	224	2,8377	153	1,961
0	0	24	63	109	226	2,7244	354	1,528
0	0	14	224	17	237	2,8203	191	2,382
18	26	67	137	78	164	2,8301	71	2,465
1	11	38	75	232	291	2,8372	226	1,730
0	0	12	41	34	202	2,7905	495	1,681
1	3	38	65	95	156	2,7209	308	1,604
3	0	37	104	158	293	2,7645	221	1,747
19	22	43	52	131	216	2,7660	119	1,916
2	0	36	96	94	279	2,7950	318	1,896
4	15	44	81	76	234	2,9104	153	1,686
33	56	59	77	69	79	2,7510	71	1,831
111	19	169	44	281	147	2,7596	140	1,664
9	12	23	30	162	212	2,7316	201	1,493
4	8	21	63	41	90	2,7387	248	1,440
10	9	86	94	189	285	2,9081	203	1,724
8	12	20	94	74	682	3,3711	175	4,326
15	19	47	67	177	168	2,7397	141	1,560
1	8	28	132	36	152	2,7345	147	1,374
16	40	25	93	29	115	2,7595	78	1,513
2	14	13	33	96	176	2,7230	173	1,509
4	6	76	122	128	205	2,8116	192	1,609
6	24	22	92	26	98	2,7385	87	1,644
0	0	8	23	149	438	2,7343	324	1,892
2	4	23	161	27	189	2,8020	101	2,287

11	6	34	114	46	130	2,8226	146	2,356
4	9	25	64	91	220	2,9172	169	1,917
12	42	54	210	93	322	3,3321	144	3,174
0	0	38	64	224	406	2,7223	355	1,563
12	18	54	127	180	198	2,8541	129	1,775
16	57	36	105	62	143	2,8400	81	1,914
15	10	46	63	83	132	2,7498	103	2,524
2	13	40	245	42	254	3,0713	86	3,256
1	3	17	126	35	215	2,7691	145	1,917
0	0	6	51	33	209	2,7212	167	2,521
6	14	31	147	38	151	2,7984	91	1,780
34	87	62	188	67	191	3,1053	63	3,286
74	92	113	108	116	110	2,8364	42	2,619
21	16	48	45	138	164	2,7488	83	2,217
5	15	37	92	74	144	2,7260	104	1,654
4	28	24	74	42	117	2,7399	85	1,941
13	19	106	175	118	189	2,8256	89	2,236
2	17	18	46	44	103	2,7392	138	1,348
5	12	24	46	67	152	2,7357	140	1,593
1	8	11	176	31	411	3,4810	220	4,718
3	9	43	162	43	162	2,7700	90	1,800
37	62	63	114	79	130	2,8070	57	2,509
25	34	60	155	86	185	2,9630	60	3,933
18	22	53	39	125	183	2,7711	134	1,896
2	5	19	46	87	222	2,7331	218	1,468
13	68	53	234	61	260	3,2890	78	3,385
1	0	19	113	30	207	2,7219	122	3,000
7	12	38	107	125	216	2,7787	150	1,620
0	0	26	159	49	284	2,8670	144	3,139
1	3	19	84	27	107	2,7734	249	1,823
5	25	47	99	67	135	2,7940	124	1,629
7	31	20	102	27	122	2,8306	52	2,731
27	54	63	123	76	134	2,7806	71	2,085
2	18	5	66	23	220	2,8849	110	2,100
39	52	60	67	100	120	2,7434	57	2,140
0	0	33	172	40	198	2,7718	228	1,741
22	38	68	87	115	180	2,8731	129	1,853
2	0	61	142	89	254	2,7679	348	1,483
16	21	35	57	83	123	2,7442	75	3,013
0	0	15	83	20	147	2,8083	318	2,547
1	6	28	119	35	129	2,7347	137	1,737
10	32	65	171	77	215	2,9463	58	4,190
0	0	10	80	10	80	2,7308	312	1,830
15	58	27	68	36	88	2,8511	52	2,635
1	2	17	124	39	204	2,7243	124	1,766
9	6	26	92	48	170	2,8196	73	3,466
13	67	33	104	49	121	2,8688	35	3,543
1	13	26	152	29	155	2,8717	36	4,417
0	0	16	160	35	199	2,7550	59	5,831

sm-1	name1	frac1	sm-2	name2	frac2	sm22	name22
28	Mechanical Engineering &	0,227	171	Chemical P	0,2086	4	Engineerin
28	Mechanical Engineering &	0,3649	164	Applied Ma	0,2641	4	Engineerin
28	Mechanical Engineering &	0,2634	169	Applied Ph	0,2374	22	Physics & A
28	Mechanical Engineering &	0,6226	160	Geochemis	0,1132	4	Engineerin
28	Mechanical Engineering &	0,475	169	Applied Ph	0,175	4	Engineerin
28	Mechanical Engineering &	0,686	169	Applied Ph	0,1047	4	Engineerin
28	Mechanical Engineering &	0,6364	15	Materials	0,2197	4	Engineerin
28	Mechanical Engineering &	0,6493	14	Energy	0,1232	4	Engineerin
28	Mechanical Engineering &	0,3045	169	Applied Ph	0,301	22	Physics & A
28	Mechanical Engineering &	0,326	15	Materials	0,326	4	Engineerin
28	Mechanical Engineering &	0,251	169	Applied Ph	0,247	22	Physics & A
28	Mechanical Engineering &	0,2818	166	Numerical	0,1	22	Physics & A
28	Mechanical Engineering &	0,7189	14	Energy	0,173	4	Engineerin
28	Mechanical Engineering &	0,4959	164	Applied Ma	0,1736	4	Engineerin
28	Mechanical Engineering &	0,3768	15	Materials	0,0978	4	Engineerin
28	Mechanical Engineering &	0,3982	15	Materials	0,1475	4	Engineerin
28	Mechanical Engineering &	0,6575	15	Materials	0,2329	4	Engineerin
28	Mechanical Engineering &	0,8618	169	Applied Ph	0,0724	4	Engineerin
28	Mechanical Engineering &	0,6818	15	Materials	0,1591	4	Engineerin
28	Mechanical Engineering &	0,2597	164	Applied Ma	0,0906	4	Engineerin
28	Mechanical Engineering &	0,8267	9	Building &	0,0333	4	Engineerin
28	Mechanical Engineering &	0,189	22	Chemical E	0,1443	4	Engineerin
28	Mechanical Engineering &	0,3529	173	General Ph	0,3176	22	Physics & A
28	Mechanical Engineering &	0,5631	25	Environme	0,3592	4	Engineerin
28	Mechanical Engineering &	0,569	15	Materials	0,2974	4	Engineerin
28	Mechanical Engineering &	0,2632	15	Materials	0,2526	4	Engineerin
28	Mechanical Engineering &	0,6265	169	Applied Ph	0,1205	4	Engineerin
28	Mechanical Engineering &	0,0708	154	Inorganic &	0,0566	4	Engineerin
28	Mechanical Engineering &	0,641	15	Materials	0,1795	4	Engineerin
28	Mechanical Engineering &	0,5192	169	Applied Ph	0,2212	4	Engineerin
28	Mechanical Engineering &	0,8649	164	Applied Ma	0,0811	4	Engineerin
28	Mechanical Engineering &	0,5477	25	Environme	0,1499	4	Engineerin
28	Mechanical Engineering &	0,8139	15	Materials	0,1082	4	Engineerin
28	Mechanical Engineering &	0,7522	22	Chemical E	0,0951	4	Engineerin
28	Mechanical Engineering &	0,3009	166	Numerical	0,1435	4	Engineerin
28	Mechanical Engineering &	0,264	14	Energy	0,1292	4	Engineerin
28	Mechanical Engineering &	0,0726	175	Nuclear &	0,0654	4	Engineerin
28	Mechanical Engineering &	0,875	164	Applied Ma	0,0625	4	Engineerin
28	Mechanical Engineering &	0,1494	27	Industrial E	0,0608	4	Engineerin
28	Mechanical Engineering &	0,4024	15	Materials	0,2663	4	Engineerin
28	Mechanical Engineering &	0,2638	169	Applied Ph	0,2248	22	Physics & A
28	Mechanical Engineering &	0,4118	22	Chemical E	0,2549	4	Engineerin
28	Mechanical Engineering &	0,4348	164	Applied Ma	0,1125	4	Engineerin
28	Mechanical Engineering &	0,2174	16	Nanoscien	0,1848	4	Engineerin
28	Mechanical Engineering &	0,6122	164	Applied Ma	0,2449	4	Engineerin
28	Mechanical Engineering &	0,4247	15	Materials	0,1849	4	Engineerin
28	Mechanical Engineering &	0,6237	172	Fluids & Pl	0,1828	4	Engineerin
28	Mechanical Engineering &	0,9276	24	Electrical &	0,0362	4	Engineerin
28	Mechanical Engineering &	0,3646	164	Applied Ma	0,3394	4	Engineerin

28	Mechanical Engineering &	0,612	14	Energy	0,14	4	Engineerin
28	Mechanical Engineering &	0,7699	9	Building &	0,0879	4	Engineerin
28	Mechanical Engineering &	0,3452	26	Geological	0,2262	4	Engineerin
28	Mechanical Engineering &	0,8104	21	Biomedica	0,0446	4	Engineerin
28	Mechanical Engineering &	0,9435	171	Chemical P	0,0304	4	Engineerin
28	Mechanical Engineering &	0,71	15	Materials	0,12	4	Engineerin
28	Mechanical Engineering &	0,6516	23	Civil Engine	0,1484	4	Engineerin
28	Mechanical Engineering &	0,9716	19	Aerospace	0,0095	4	Engineerin
28	Mechanical Engineering &	0,2826	25	Environme	0,163	4	Engineerin
28	Mechanical Engineering &	0,4412	14	Energy	0,1912	4	Engineerin
28	Mechanical Engineering &	0,5625	14	Energy	0,25	4	Engineerin
28	Mechanical Engineering &	0,5833	15	Materials	0,31	4	Engineerin
28	Mechanical Engineering &	0,4251	15	Materials	0,1691	4	Engineerin
28	Mechanical Engineering &	0,6443	164	Applied Ma	0,2081	4	Engineerin
28	Mechanical Engineering &	0,582	15	Materials	0,2275	4	Engineerin
28	Mechanical Engineering &	0,3701	164	Applied Ma	0,1299	4	Engineerin
28	Mechanical Engineering &	0,4412	164	Applied Ma	0,1324	4	Engineerin
28	Mechanical Engineering &	0,0915	14	Energy	0,0746	15	Clinical Me
28	Mechanical Engineering &	0,5602	164	Applied Ma	0,241	4	Engineerin
28	Mechanical Engineering &	0,3434	26	Geological	0,3131	4	Engineerin
28	Mechanical Engineering &	0,58	162	Meteorolo	0,2333	4	Engineerin
28	Mechanical Engineering &	0,5203	164	Applied Ma	0,1622	4	Engineerin
28	Mechanical Engineering &	0,3516	27	Industrial E	0,2813	4	Engineerin
28	Mechanical Engineering &	0,1888	160	Geochemis	0,1678	22	Physics & A
28	Mechanical Engineering &	0,6362	25	Environme	0,0689	4	Engineerin
28	Mechanical Engineering &	0,8333	98	Anesthesic	0,0185	4	Engineerin
28	Mechanical Engineering &	0,2205	14	Energy	0,2047	4	Engineerin
28	Mechanical Engineering &	0,4865	173	General Ph	0,1892	4	Engineerin
28	Mechanical Engineering &	0,7062	14	Energy	0,1484	4	Engineerin
28	Mechanical Engineering &	0,5166	15	Materials	0,1816	4	Engineerin
28	Mechanical Engineering &	0,3804	19	Aerospace	0,1957	4	Engineerin
28	Mechanical Engineering &	0,4851	14	Energy	0,3168	4	Engineerin
28	Mechanical Engineering &	0,2941	27	Industrial E	0,098	4	Engineerin
28	Mechanical Engineering &	0,3626	168	Acoustics	0,1758	4	Engineerin
28	Mechanical Engineering &	0,4913	15	Materials	0,3783	4	Engineerin
28	Mechanical Engineering &	0,4077	15	Materials	0,3308	4	Engineerin
28	Mechanical Engineering &	0,4107	21	Biomedica	0,1964	4	Engineerin
28	Mechanical Engineering &	0,2454	173	General Ph	0,1524	4	Engineerin
28	Mechanical Engineering &	0,8704	14	Energy	0,037	4	Engineerin
28	Mechanical Engineering &	0,4604	15	Materials	0,2878	4	Engineerin
28	Mechanical Engineering &	0,4069	168	Acoustics	0,1961	4	Engineerin
28	Mechanical Engineering &	0,6477	14	Energy	0,0638	4	Engineerin
28	Mechanical Engineering &	0,4619	16	Nanoscien	0,1015	4	Engineerin
28	Mechanical Engineering &	0,466	166	Numerical	0,1408	4	Engineerin
28	Mechanical Engineering &	0,2591	17	Optoelectr	0,2148	3	Enabling &
28	Mechanical Engineering &	0,5094	23	Civil Engine	0,1195	4	Engineerin
28	Mechanical Engineering &	0,7902	23	Civil Engine	0,0559	4	Engineerin
28	Mechanical Engineering &	0,4392	25	Environme	0,0878	4	Engineerin
28	Mechanical Engineering &	0,3968	15	Materials	0,3333	4	Engineerin
28	Mechanical Engineering &	0,6	19	Aerospace	0,2364	4	Engineerin
28	Mechanical Engineering &	0,3923	16	Nanoscien	0,1188	4	Engineerin

28	Mechanical Engineering &	0,572	14	Energy	0,204	4	Engineerin
28	Mechanical Engineering &	0,7009	14	Energy	0,0872	4	Engineerin
28	Mechanical Engineering &	0,4828	172	Fluids & Pl	0,1494	4	Engineerin
28	Mechanical Engineering &	0,1394	90	Microbiolo	0,0956	4	Engineerin
28	Mechanical Engineering &	0,5556	15	Materials	0,1852	4	Engineerin
28	Mechanical Engineering &	0,2882	15	Materials	0,2588	3	Enabling &
28	Mechanical Engineering &	0,7327	22	Chemical E	0,1287	4	Engineerin
28	Mechanical Engineering &	0,5366	164	Applied Ma	0,2683	4	Engineerin
28	Mechanical Engineering &	0,2941	158	Polymers	0,2294	4	Engineerin
28	Mechanical Engineering &	0,4318	172	Fluids & Pl	0,3977	4	Engineerin
28	Mechanical Engineering &	0,4396	14	Energy	0,1502	4	Engineerin
28	Mechanical Engineering &	0,2836	22	Chemical E	0,1387	4	Engineerin
28	Mechanical Engineering &	0,6183	169	Applied Ph	0,1527	4	Engineerin
28	Mechanical Engineering &	0,6341	14	Energy	0,2073	4	Engineerin
28	Mechanical Engineering &	0,3951	14	Energy	0,3395	4	Engineerin
28	Mechanical Engineering &	0,3107	172	Fluids & Pl	0,2621	4	Engineerin
28	Mechanical Engineering &	0,3333	169	Applied Ph	0,2262	22	Physics & A
28	Mechanical Engineering &	0,4516	15	Materials	0,3387	4	Engineerin
28	Mechanical Engineering &	0,3143	27	Industrial E	0,2929	4	Engineerin
28	Mechanical Engineering &	0,1779	164	Applied Ma	0,1255	4	Engineerin
28	Mechanical Engineering &	0,3505	169	Applied Ph	0,3196	22	Physics & A
28	Mechanical Engineering &	0,2165	172	Fluids & Pl	0,1753	22	Physics & A
28	Mechanical Engineering &	0,4189	172	Fluids & Pl	0,2635	4	Engineerin
28	Mechanical Engineering &	0,438	168	Acoustics	0,2066	4	Engineerin
28	Mechanical Engineering &	0,066	152	Analytical (	0,056	19	Chemistry
28	Mechanical Engineering &	0,2308	16	Nanoscien	0,1923	3	Enabling &
28	Mechanical Engineering &	0,7733	14	Energy	0,1984	4	Engineerin
28	Mechanical Engineering &	0,5618	14	Energy	0,191	4	Engineerin
28	Mechanical Engineering &	0,5284	15	Materials	0,1433	4	Engineerin
28	Mechanical Engineering &	0,7069	9	Building &	0,2586	4	Engineerin
28	Mechanical Engineering &	0,7064	172	Fluids & Pl	0,1835	4	Engineerin
28	Mechanical Engineering &	0,5	164	Applied Ma	0,2391	4	Engineerin
28	Mechanical Engineering &	0,5177	15	Materials	0,2212	4	Engineerin
28	Mechanical Engineering &	0,9216	14	Energy	0,0392	4	Engineerin
28	Mechanical Engineering &	0,5571	169	Applied Ph	0,4	4	Engineerin
28	Mechanical Engineering &	0,7917	9	Building &	0,0972	4	Engineerin
28	Mechanical Engineering &	0,2209	14	Energy	0,1626	3	Enabling &
28	Mechanical Engineering &	0,4708	15	Materials	0,2208	4	Engineerin
28	Mechanical Engineering &	0,8929	14	Energy	0,0714	4	Engineerin
28	Mechanical Engineering &	0,0949	83	General Sc	0,0588	4	Engineerin
28	Mechanical Engineering &	0,3333	21	Biomedica	0,2778	4	Engineerin
28	Mechanical Engineering &	0,9355	22	Chemical E	0,0538	4	Engineerin
28	Mechanical Engineering &	0,103	37	Networkin	0,0811	4	Engineerin
28	Mechanical Engineering &	0,642	21	Biomedica	0,1023	4	Engineerin
28	Mechanical Engineering &	0,4065	15	Materials	0,3577	4	Engineerin
28	Mechanical Engineering &	0,241	16	Nanoscien	0,1566	19	Chemistry
28	Mechanical Engineering &	0,64	25	Environme	0,08	4	Engineerin
28	Mechanical Engineering &	0,7423	21	Biomedica	0,0619	4	Engineerin
28	Mechanical Engineering &	0,6719	14	Energy	0,0938	4	Engineerin
28	Mechanical Engineering &	0,4624	14	Energy	0,2621	4	Engineerin
28	Mechanical Engineering &	0,8448	14	Energy	0,1379	4	Engineerin

28	Mechanical Engineering &	0,7059	169	Applied Ph	0,1765	4	Engineerin
28	Mechanical Engineering &	0,741	14	Energy	0,1265	4	Engineerin
28	Mechanical Engineering &	0,7	15	Materials	0,1467	4	Engineerin
28	Mechanical Engineering &	0,5556	15	Materials	0,2029	4	Engineerin
28	Mechanical Engineering &	0,4253	26	Geological	0,2759	4	Engineerin
28	Mechanical Engineering &	0,2456	15	Materials	0,1708	3	Enabling &
28	Mechanical Engineering &	0,3725	173	General Ph	0,1373	4	Engineerin
28	Mechanical Engineering &	0,4042	15	Materials	0,1833	4	Engineerin
28	Mechanical Engineering &	0,3062	168	Acoustics	0,2536	22	Physics & A
28	Mechanical Engineering &	0,4672	83	General Sc	0,1397	4	Engineerin
28	Mechanical Engineering &	0,9007	19	Aerospace	0,0355	4	Engineerin
28	Mechanical Engineering &	0,587	14	Energy	0,2246	4	Engineerin
28	Mechanical Engineering &	0,8116	168	Acoustics	0,0725	4	Engineerin
28	Mechanical Engineering &	0,4359	168	Acoustics	0,1923	4	Engineerin
28	Mechanical Engineering &	0,7556	15	Materials	0,0963	4	Engineerin
28	Mechanical Engineering &	0,3675	23	Civil Engine	0,2906	4	Engineerin
28	Mechanical Engineering &	0,3317	21	Biomedica	0,3218	4	Engineerin
28	Mechanical Engineering &	0,2222	26	Geological	0,1944	4	Engineerin
28	Mechanical Engineering &	0,417	15	Materials	0,3198	4	Engineerin
28	Mechanical Engineering &	0,9706	15	Materials	0,0147	4	Engineerin
28	Mechanical Engineering &	0,3529	15	Materials	0,2941	4	Engineerin
28	Mechanical Engineering &	0,5862	14	Energy	0,1897	4	Engineerin
28	Mechanical Engineering &	0,3824	15	Materials	0,2794	4	Engineerin
28	Mechanical Engineering &	0,3611	164	Applied Ma	0,3333	21	Mathemat
28	Mechanical Engineering &	0,4251	164	Applied Ma	0,3693	4	Engineerin
28	Mechanical Engineering &	0,5652	164	Applied Ma	0,0994	4	Engineerin
28	Mechanical Engineering &	0,6306	15	Materials	0,1083	4	Engineerin
28	Mechanical Engineering &	0,2113	171	Chemical P	0,1186	22	Physics & A
28	Mechanical Engineering &	0,4697	169	Applied Ph	0,2273	4	Engineerin
28	Mechanical Engineering &	0,3129	172	Fluids & Pl	0,1871	4	Engineerin
28	Mechanical Engineering &	0,5143	15	Materials	0,2857	4	Engineerin
28	Mechanical Engineering &	0,3303	14	Energy	0,2752	4	Engineerin
28	Mechanical Engineering &	0,4595	164	Applied Ma	0,3135	21	Mathemat
28	Mechanical Engineering &	0,7742	169	Applied Ph	0,0645	4	Engineerin
28	Mechanical Engineering &	0,8081	172	Fluids & Pl	0,0606	4	Engineerin
28	Mechanical Engineering &	0,1949	16	Nanoscien	0,1471	19	Chemistry
28	Mechanical Engineering &	0,511	172	Fluids & Pl	0,2912	4	Engineerin
28	Mechanical Engineering &	0,6374	15	Materials	0,1538	4	Engineerin
28	Mechanical Engineering &	0,056	83	General Sc	0,0532	15	Clinical Me
28	Mechanical Engineering &	0,7402	15	Materials	0,126	4	Engineerin
28	Mechanical Engineering &	0,3276	16	Nanoscien	0,2989	3	Enabling &
28	Mechanical Engineering &	0,3478	14	Energy	0,2609	4	Engineerin
28	Mechanical Engineering &	0,4559	172	Fluids & Pl	0,2059	4	Engineerin
28	Mechanical Engineering &	0,4091	173	General Ph	0,2273	4	Engineerin
28	Mechanical Engineering &	0,679	100	Cardiovasc	0,0864	4	Engineerin
28	Mechanical Engineering &	0,2857	168	Acoustics	0,2653	4	Engineerin
28	Mechanical Engineering &	0,5514	14	Energy	0,1299	4	Engineerin
28	Mechanical Engineering &	0,6333	65	Logistics &	0,1	4	Engineerin
28	Mechanical Engineering &	0,8529	23	Civil Engine	0,0882	4	Engineerin
28	Mechanical Engineering &	0,6078	15	Materials	0,3137	4	Engineerin
28	Mechanical Engineering &	0,8228	172	Fluids & Pl	0,0759	4	Engineerin

28	Mechanical Engineering &	0,2959	19	Aerospace	0,2449	4	Engineerin
28	Mechanical Engineering &	0,8438	164	Applied Ma	0,0938	4	Engineerin
28	Mechanical Engineering &	0,277	173	General Ph	0,2095	22	Physics & A
28	Mechanical Engineering &	0,6154	164	Applied Ma	0,1758	4	Engineerin
28	Mechanical Engineering &	0,3994	169	Applied Ph	0,1484	4	Engineerin
28	Mechanical Engineering &	0,4762	166	Numerical	0,1429	4	Engineerin
28	Mechanical Engineering &	0,6287	15	Materials	0,2475	4	Engineerin
28	Mechanical Engineering &	0,8707	15	Materials	0,0603	4	Engineerin
28	Mechanical Engineering &	0,4444	15	Materials	0,4444	3	Enabling &
28	Mechanical Engineering &	0,3902	168	Acoustics	0,2	22	Physics & A
28	Mechanical Engineering &	0,398	9	Building &	0,2139	4	Engineerin
28	Mechanical Engineering &	0,3966	16	Nanoscien	0,2069	3	Enabling &
28	Mechanical Engineering &	0,2105	172	Fluids & Pl	0,1504	22	Physics & A
28	Mechanical Engineering &	0,661	14	Energy	0,0847	4	Engineerin
28	Mechanical Engineering &	0,3176	172	Fluids & Pl	0,2471	4	Engineerin
28	Mechanical Engineering &	0,8182	171	Chemical P	0,0519	4	Engineerin
28	Mechanical Engineering &	0,2491	16	Nanoscien	0,2321	3	Enabling &
28	Mechanical Engineering &	0,6213	14	Energy	0,3064	4	Engineerin
28	Mechanical Engineering &	0,5692	15	Materials	0,2359	4	Engineerin
28	Mechanical Engineering &	0,439	164	Applied Ma	0,2683	4	Engineerin
28	Mechanical Engineering &	0,8557	15	Materials	0,0722	4	Engineerin
28	Mechanical Engineering &	0,2885	21	Biomedica	0,1731	4	Engineerin
28	Mechanical Engineering &	0,2264	171	Chemical P	0,1509	22	Physics & A
28	Mechanical Engineering &	0,3125	174	Mathemat	0,2031	4	Engineerin
28	Mechanical Engineering &	0,7619	172	Fluids & Pl	0,0952	4	Engineerin
28	Mechanical Engineering &	0,2535	164	Applied Ma	0,2349	4	Engineerin
28	Mechanical Engineering &	0,7336	15	Materials	0,2196	4	Engineerin
28	Mechanical Engineering &	0,5	164	Applied Ma	0,4714	4	Engineerin
28	Mechanical Engineering &	0,5593	14	Energy	0,4068	4	Engineerin
28	Mechanical Engineering &	0,9476	27	Industrial E	0,0209	4	Engineerin
28	Mechanical Engineering &	0,2813	173	General Ph	0,1875	4	Engineerin
28	Mechanical Engineering &	0,5345	15	Materials	0,3793	4	Engineerin
28	Mechanical Engineering &	0,5921	15	Materials	0,1513	4	Engineerin
28	Mechanical Engineering &	0,4393	169	Applied Ph	0,2428	4	Engineerin
28	Mechanical Engineering &	0,3435	164	Applied Ma	0,1145	4	Engineerin
28	Mechanical Engineering &	0,4286	15	Materials	0,1648	4	Engineerin
28	Mechanical Engineering &	0,8118	15	Materials	0,1765	4	Engineerin
28	Mechanical Engineering &	0,3478	162	Meteorolo	0,1522	4	Engineerin
28	Mechanical Engineering &	0,3043	23	Civil Engine	0,2391	4	Engineerin
28	Mechanical Engineering &	0,5279	22	Chemical E	0,2538	4	Engineerin
28	Mechanical Engineering &	0,5118	164	Applied Ma	0,1417	4	Engineerin
28	Mechanical Engineering &	0,6323	169	Applied Ph	0,1032	4	Engineerin
28	Mechanical Engineering &	0,5039	15	Materials	0,2441	4	Engineerin
28	Mechanical Engineering &	0,2492	1	Agronomy	0,123	4	Engineerin
28	Mechanical Engineering &	0,5084	15	Materials	0,1181	4	Engineerin
28	Mechanical Engineering &	0,619	14	Energy	0,1973	4	Engineerin
28	Mechanical Engineering &	0,5563	83	General Sc	0,0915	4	Engineerin
28	Mechanical Engineering &	0,5536	14	Energy	0,2232	4	Engineerin
28	Mechanical Engineering &	0,4103	168	Acoustics	0,3761	4	Engineerin
28	Mechanical Engineering &	0,6569	9	Building &	0,1168	4	Engineerin
28	Mechanical Engineering &	0,5238	15	Materials	0,1465	4	Engineerin

28	Mechanical Engineering &	0,4741	14	Energy	0,4303	4	Engineerin
28	Mechanical Engineering &	0,3034	164	Applied Ma	0,2697	4	Engineerin
28	Mechanical Engineering &	0,9688	14	Energy	0,0156	4	Engineerin
28	Mechanical Engineering &	0,2242	31	Artificial In	0,1352	4	Engineerin
28	Mechanical Engineering &	0,7015	172	Fluids & Pl	0,1045	4	Engineerin
28	Mechanical Engineering &	0,2539	169	Applied Ph	0,1347	4	Engineerin
28	Mechanical Engineering &	0,6196	22	Chemical E	0,2174	4	Engineerin
28	Mechanical Engineering &	0,6809	147	Evolutiona	0,0851	4	Engineerin
28	Mechanical Engineering &	0,8936	15	Materials	0,0638	4	Engineerin
28	Mechanical Engineering &	0,32	172	Fluids & Pl	0,3	22	Physics & A
28	Mechanical Engineering &	0,3294	19	Aerospace	0,2	4	Engineerin
28	Mechanical Engineering &	0,5	15	Materials	0,25	4	Engineerin
28	Mechanical Engineering &	0,6196	172	Fluids & Pl	0,1304	4	Engineerin
28	Mechanical Engineering &	0,2692	19	Aerospace	0,2596	4	Engineerin
28	Mechanical Engineering &	0,4563	168	Acoustics	0,1456	4	Engineerin
28	Mechanical Engineering &	0,3265	164	Applied Ma	0,2177	21	Mathemat
28	Mechanical Engineering &	0,374	15	Materials	0,3359	4	Engineerin
28	Mechanical Engineering &	0,3385	14	Energy	0,3154	4	Engineerin
28	Mechanical Engineering &	0,5	173	General Ph	0,2308	4	Engineerin
28	Mechanical Engineering &	0,4872	14	Energy	0,3077	4	Engineerin
28	Mechanical Engineering &	0,2593	16	Nanoscien	0,2346	4	Engineerin
28	Mechanical Engineering &	0,3429	169	Applied Ph	0,3143	22	Physics & A
28	Mechanical Engineering &	0,6119	15	Materials	0,3433	4	Engineerin
28	Mechanical Engineering &	0,3659	171	Chemical P	0,1463	22	Physics & A
28	Mechanical Engineering &	0,9368	158	Polymers	0,0316	4	Engineerin
28	Mechanical Engineering &	0,5567	169	Applied Ph	0,2069	4	Engineerin
28	Mechanical Engineering &	0,6812	14	Energy	0,255	4	Engineerin
28	Mechanical Engineering &	0,5542	14	Energy	0,1687	4	Engineerin
28	Mechanical Engineering &	0,4831	15	Materials	0,2303	4	Engineerin
28	Mechanical Engineering &	0,669	15	Materials	0,131	4	Engineerin
28	Mechanical Engineering &	0,6961	14	Energy	0,0833	4	Engineerin
28	Mechanical Engineering &	0,6278	14	Energy	0,1944	4	Engineerin
28	Mechanical Engineering &	0,6452	169	Applied Ph	0,1935	4	Engineerin
28	Mechanical Engineering &	0,2832	15	Materials	0,2655	4	Engineerin
28	Mechanical Engineering &	0,5127	164	Applied Ma	0,1329	4	Engineerin
28	Mechanical Engineering &	0,4878	22	Chemical E	0,1463	4	Engineerin
28	Mechanical Engineering &	0,6454	173	General Ph	0,0851	4	Engineerin
28	Mechanical Engineering &	0,3017	158	Polymers	0,2026	4	Engineerin
28	Mechanical Engineering &	0,54	15	Materials	0,12	4	Engineerin
28	Mechanical Engineering &	0,5753	15	Materials	0,21	4	Engineerin
28	Mechanical Engineering &	0,6494	22	Chemical E	0,2857	4	Engineerin
28	Mechanical Engineering &	0,7931	164	Applied Ma	0,0603	4	Engineerin
28	Mechanical Engineering &	0,313	15	Materials	0,2783	4	Engineerin
28	Mechanical Engineering &	0,2931	15	Materials	0,2759	3	Enabling &
28	Mechanical Engineering &	0,8611	15	Materials	0,0556	4	Engineerin
28	Mechanical Engineering &	0,3673	169	Applied Ph	0,3053	4	Engineerin
28	Mechanical Engineering &	0,3684	15	Materials	0,2842	3	Enabling &
28	Mechanical Engineering &	0,6506	14	Energy	0,2169	4	Engineerin
28	Mechanical Engineering &	0,6738	14	Energy	0,1702	4	Engineerin
28	Mechanical Engineering &	0,6667	164	Applied Ma	0,2095	4	Engineerin
28	Mechanical Engineering &	0,3582	15	Materials	0,1702	4	Engineerin

28	Mechanical Engineering &	0,8805	14	Energy	0,0204	4	Engineerin
28	Mechanical Engineering &	0,4	25	Environme	0,375	4	Engineerin
28	Mechanical Engineering &	0,4301	15	Materials	0,3871	3	Enabling &
28	Mechanical Engineering &	0,5185	166	Numerical	0,0926	4	Engineerin
28	Mechanical Engineering &	0,44	164	Applied Ma	0,2267	4	Engineerin
28	Mechanical Engineering &	0,264	152	Analytical (	0,1966	4	Engineerin
28	Mechanical Engineering &	0,4389	168	Acoustics	0,1584	4	Engineerin
28	Mechanical Engineering &	0,3846	164	Applied Ma	0,2308	4	Engineerin
28	Mechanical Engineering &	0,18	12	Bioinforma	0,12	4	Engineerin
28	Mechanical Engineering &	0,3934	15	Materials	0,3197	4	Engineerin
28	Mechanical Engineering &	0,6962	14	Energy	0,0759	4	Engineerin
28	Mechanical Engineering &	0,4477	15	Materials	0,436	4	Engineerin
28	Mechanical Engineering &	0,629	15	Materials	0,1935	4	Engineerin
28	Mechanical Engineering &	0,449	15	Materials	0,3469	4	Engineerin
28	Mechanical Engineering &	0,7015	14	Energy	0,209	4	Engineerin
28	Mechanical Engineering &	0,4667	15	Materials	0,1556	4	Engineerin
28	Mechanical Engineering &	0,5846	19	Aerospace	0,2769	4	Engineerin
28	Mechanical Engineering &	0,3438	15	Materials	0,2031	4	Engineerin
28	Mechanical Engineering &	0,8855	14	Energy	0,0382	4	Engineerin
28	Mechanical Engineering &	0,2628	170	Astronomy	0,2436	22	Physics & A
28	Mechanical Engineering &	0,8	23	Civil Engine	0,2	4	Engineerin
28	Mechanical Engineering &	0,4234	22	Chemical E	0,1095	4	Engineerin
28	Mechanical Engineering &	0,7019	15	Materials	0,1827	4	Engineerin
28	Mechanical Engineering &	0,7738	15	Materials	0,131	4	Engineerin
28	Mechanical Engineering &	0,6159	24	Electrical &	0,1884	4	Engineerin
28	Mechanical Engineering &	0,619	15	Materials	0,1667	4	Engineerin
28	Mechanical Engineering &	0,8175	15	Materials	0,1241	4	Engineerin
28	Mechanical Engineering &	0,3934	15	Materials	0,3886	4	Engineerin
28	Mechanical Engineering &	0,5897	15	Materials	0,2308	4	Engineerin
28	Mechanical Engineering &	0,2781	15	Materials	0,2318	22	Physics & A
28	Mechanical Engineering &	0,1818	171	Chemical P	0,1818	22	Physics & A
28	Mechanical Engineering &	0,3421	164	Applied Ma	0,25	4	Engineerin
28	Mechanical Engineering &	0,3333	168	Acoustics	0,0909	4	Engineerin
28	Mechanical Engineering &	0,557	15	Materials	0,1053	4	Engineerin
28	Mechanical Engineering &	0,3	15	Materials	0,18	4	Engineerin
28	Mechanical Engineering &	0,3949	15	Materials	0,2484	4	Engineerin
28	Mechanical Engineering &	0,413	26	Geological	0,1739	4	Engineerin
28	Mechanical Engineering &	0,6	15	Materials	0,18	4	Engineerin
28	Mechanical Engineering &	0,375	161	Geology	0,1875	4	Engineerin
28	Mechanical Engineering &	0,5	172	Fluids & Pl	0,4231	4	Engineerin
28	Mechanical Engineering &	0,2009	14	Energy	0,2009	20	Earth & En
28	Mechanical Engineering &	0,8404	21	Biomedica	0,0532	4	Engineerin
28	Mechanical Engineering &	0,6711	169	Applied Ph	0,2368	4	Engineerin
28	Mechanical Engineering &	0,7619	162	Meteorolo	0,0952	4	Engineerin
28	Mechanical Engineering &	0,6306	15	Materials	0,2973	4	Engineerin
28	Mechanical Engineering &	0,7478	19	Aerospace	0,1652	4	Engineerin
28	Mechanical Engineering &	0,2921	164	Applied Ma	0,1683	4	Engineerin
28	Mechanical Engineering &	0,1935	15	Materials	0,1935	4	Engineerin
28	Mechanical Engineering &	0,4512	15	Materials	0,1951	4	Engineerin
28	Mechanical Engineering &	0,4701	15	Materials	0,4552	4	Engineerin
28	Mechanical Engineering &	0,4167	16	Nanoscien	0,1333	4	Engineerin

28	Mechanical Engineering &	0,5281	27	Industrial E	0,2697	4	Engineerin
28	Mechanical Engineering &	0,3885	15	Materials	0,3439	4	Engineerin
28	Mechanical Engineering &	0,4167	15	Materials	0,3333	4	Engineerin
28	Mechanical Engineering &	0,7692	164	Applied Ma	0,1154	4	Engineerin
28	Mechanical Engineering &	0,1169	173	General Ph	0,0935	22	Physics & A
28	Mechanical Engineering &	0,6525	23	Civil Engine	0,1844	4	Engineerin
28	Mechanical Engineering &	0,8289	15	Materials	0,0526	4	Engineerin
28	Mechanical Engineering &	0,292	31	Artificial In	0,228	4	Engineerin
28	Mechanical Engineering &	0,7857	15	Materials	0,1571	4	Engineerin
28	Mechanical Engineering &	0,5	15	Materials	0,3889	4	Engineerin
28	Mechanical Engineering &	0,5051	15	Materials	0,3622	4	Engineerin
28	Mechanical Engineering &	0,5811	25	Environme	0,1892	4	Engineerin
28	Mechanical Engineering &	0,5814	14	Energy	0,2093	4	Engineerin
28	Mechanical Engineering &	0,8667	27	Industrial E	0,0667	4	Engineerin
28	Mechanical Engineering &	0,4978	14	Energy	0,1422	4	Engineerin
28	Mechanical Engineering &	0,6444	83	General Sc	0,0889	4	Engineerin
28	Mechanical Engineering &	0,6818	22	Chemical E	0,1667	4	Engineerin
28	Mechanical Engineering &	0,4752	15	Materials	0,3475	4	Engineerin
28	Mechanical Engineering &	0,4886	15	Materials	0,375	4	Engineerin
28	Mechanical Engineering &	0,3985	168	Acoustics	0,3284	4	Engineerin
28	Mechanical Engineering &	0,4194	172	Fluids & Pl	0,2043	4	Engineerin
28	Mechanical Engineering &	0,4326	172	Fluids & Pl	0,3191	4	Engineerin
28	Mechanical Engineering &	0,7612	15	Materials	0,0896	4	Engineerin
28	Mechanical Engineering &	0,1437	150	Plant Biolo	0,1317	15	Clinical Me
28	Mechanical Engineering &	0,4534	158	Polymers	0,2429	4	Engineerin
28	Mechanical Engineering &	0,888	164	Applied Ma	0,072	4	Engineerin
28	Mechanical Engineering &	0,566	164	Applied Ma	0,1132	4	Engineerin
28	Mechanical Engineering &	0,25	15	Materials	0,2083	4	Engineerin
28	Mechanical Engineering &	0,4688	15	Materials	0,3438	4	Engineerin
28	Mechanical Engineering &	0,2951	172	Fluids & Pl	0,2131	22	Physics & A
28	Mechanical Engineering &	0,449	19	Aerospace	0,3265	4	Engineerin
28	Mechanical Engineering &	0,7727	164	Applied Ma	0,125	4	Engineerin
28	Mechanical Engineering &	0,7312	19	Aerospace	0,0466	4	Engineerin
28	Mechanical Engineering &	0,25	22	Chemical E	0,1724	4	Engineerin
28	Mechanical Engineering &	0,2032	15	Materials	0,1556	4	Engineerin
28	Mechanical Engineering &	0,4423	164	Applied Ma	0,2692	4	Engineerin
28	Mechanical Engineering &	0,5417	169	Applied Ph	0,1944	4	Engineerin
28	Mechanical Engineering &	0,2778	15	Materials	0,246	4	Engineerin
28	Mechanical Engineering &	0,64	15	Materials	0,13	4	Engineerin
28	Mechanical Engineering &	0,3408	168	Acoustics	0,209	4	Engineerin
28	Mechanical Engineering &	0,75	172	Fluids & Pl	0,0833	4	Engineerin
28	Mechanical Engineering &	0,4889	157	Physical Ch	0,1333	4	Engineerin
28	Mechanical Engineering &	0,6359	169	Applied Ph	0,159	4	Engineerin
28	Mechanical Engineering &	0,4091	171	Chemical P	0,1212	4	Engineerin
28	Mechanical Engineering &	0,6984	23	Civil Engine	0,1111	4	Engineerin
28	Mechanical Engineering &	0,7719	15	Materials	0,1579	4	Engineerin
28	Mechanical Engineering &	0,595	164	Applied Ma	0,1901	4	Engineerin
28	Mechanical Engineering &	0,593	14	Energy	0,2442	4	Engineerin
28	Mechanical Engineering &	0,6	15	Materials	0,1905	4	Engineerin
28	Mechanical Engineering &	0,6286	14	Energy	0,1571	4	Engineerin
28	Mechanical Engineering &	0,4118	164	Applied Ma	0,3235	4	Engineerin

28	Mechanical Engineering &	0,9057	15	Materials	0,0755	4	Engineerin
28	Mechanical Engineering &	0,5455	14	Energy	0,0909	4	Engineerin
28	Mechanical Engineering &	0,3862	14	Energy	0,2439	4	Engineerin
28	Mechanical Engineering &	0,32	15	Materials	0,28	4	Engineerin
28	Mechanical Engineering &	0,3478	164	Applied Ma	0,1957	4	Engineerin
28	Mechanical Engineering &	0,9167	22	Chemical E	0,0833	4	Engineerin
28	Mechanical Engineering &	0,3262	164	Applied Ma	0,2043	4	Engineerin
28	Mechanical Engineering &	0,6458	164	Applied Ma	0,1667	4	Engineerin
28	Mechanical Engineering &	0,38	14	Energy	0,22	4	Engineerin
28	Mechanical Engineering &	0,838	164	Applied Ma	0,0615	4	Engineerin
28	Mechanical Engineering &	0,7396	15	Materials	0,125	4	Engineerin
28	Mechanical Engineering &	0,5735	173	General Ph	0,3235	4	Engineerin
28	Mechanical Engineering &	0,3906	15	Materials	0,2031	4	Engineerin
28	Mechanical Engineering &	0,6796	15	Materials	0,2136	4	Engineerin
28	Mechanical Engineering &	0,6179	23	Civil Engine	0,1463	4	Engineerin
28	Mechanical Engineering &	0,5905	15	Materials	0,2571	4	Engineerin
28	Mechanical Engineering &	0,8256	14	Energy	0,1047	4	Engineerin
28	Mechanical Engineering &	0,8563	24	Electrical &	0,0659	4	Engineerin
28	Mechanical Engineering &	0,3846	164	Applied Ma	0,3538	4	Engineerin
28	Mechanical Engineering &	0,4393	15	Materials	0,15	4	Engineerin
28	Mechanical Engineering &	0,6786	164	Applied Ma	0,1571	4	Engineerin
28	Mechanical Engineering &	0,3298	168	Acoustics	0,1809	4	Engineerin
28	Mechanical Engineering &	0,7692	168	Acoustics	0,1282	4	Engineerin
28	Mechanical Engineering &	0,5185	169	Applied Ph	0,1852	4	Engineerin
28	Mechanical Engineering &	0,5	15	Materials	0,2698	4	Engineerin
28	Mechanical Engineering &	0,4286	22	Chemical E	0,1558	4	Engineerin
28	Mechanical Engineering &	0,8468	168	Acoustics	0,0323	4	Engineerin
28	Mechanical Engineering &	0,5208	14	Energy	0,1354	4	Engineerin
28	Mechanical Engineering &	0,5532	14	Energy	0,2979	4	Engineerin
28	Mechanical Engineering &	0,4857	23	Civil Engine	0,2095	4	Engineerin
28	Mechanical Engineering &	0,8165	14	Energy	0,1009	4	Engineerin
28	Mechanical Engineering &	0,2054	168	Acoustics	0,1919	4	Engineerin
28	Mechanical Engineering &	0,6193	15	Materials	0,1193	4	Engineerin
28	Mechanical Engineering &	0,4583	86	Biochemist	0,1944	4	Engineerin
28	Mechanical Engineering &	0,3867	162	Meteorolo	0,1547	4	Engineerin
28	Mechanical Engineering &	0,493	14	Energy	0,3023	4	Engineerin
28	Mechanical Engineering &	0,7407	14	Energy	0,1481	4	Engineerin
28	Mechanical Engineering &	0,4028	22	Chemical E	0,3472	4	Engineerin
28	Mechanical Engineering &	0,3663	164	Applied Ma	0,2376	4	Engineerin
28	Mechanical Engineering &	0,4037	15	Materials	0,2018	4	Engineerin
28	Mechanical Engineering &	0,3043	15	Materials	0,3043	3	Enabling &
28	Mechanical Engineering &	0,7152	21	Biomedica	0,0464	4	Engineerin
28	Mechanical Engineering &	0,25	169	Applied Ph	0,25	3	Enabling &
28	Mechanical Engineering &	0,3465	172	Fluids & Pl	0,2362	4	Engineerin
28	Mechanical Engineering &	0,4922	14	Energy	0,1172	4	Engineerin
28	Mechanical Engineering &	0,3939	16	Nanoscien	0,2727	3	Enabling &
28	Mechanical Engineering &	0,5985	173	General Ph	0,0949	4	Engineerin
28	Mechanical Engineering &	0,2721	169	Applied Ph	0,1837	3	Enabling &
28	Mechanical Engineering &	0,5029	15	Materials	0,1272	4	Engineerin
28	Mechanical Engineering &	0,8235	14	Energy	0,1176	4	Engineerin
28	Mechanical Engineering &	0,68	15	Materials	0,12	4	Engineerin

28	Mechanical Engineering &	0,5324	164	Applied Ma	0,1367	4	Engineerin
28	Mechanical Engineering &	0,4859	19	Aerospace	0,1525	4	Engineerin
28	Mechanical Engineering &	0,2907	15	Materials	0,2326	3	Enabling &
28	Mechanical Engineering &	0,3193	15	Materials	0,2521	4	Engineerin
28	Mechanical Engineering &	0,6047	14	Energy	0,186	4	Engineerin
28	Mechanical Engineering &	0,6849	164	Applied Ma	0,1507	4	Engineerin
28	Mechanical Engineering &	0,6667	14	Energy	0,2778	4	Engineerin
28	Mechanical Engineering &	0,3113	15	Materials	0,1887	4	Engineerin
28	Mechanical Engineering &	0,3103	16	Nanoscien	0,2759	4	Engineerin
28	Mechanical Engineering &	0,3512	168	Acoustics	0,2642	4	Engineerin
28	Mechanical Engineering &	0,5	169	Applied Ph	0,15	4	Engineerin
28	Mechanical Engineering &	0,3519	15	Materials	0,3519	4	Engineerin
28	Mechanical Engineering &	0,5439	15	Materials	0,1579	4	Engineerin
28	Mechanical Engineering &	0,5488	164	Applied Ma	0,1951	4	Engineerin
28	Mechanical Engineering &	0,3529	10	Design Pra	0,1294	4	Engineerin
28	Mechanical Engineering &	0,2827	169	Applied Ph	0,2743	22	Physics & A
28	Mechanical Engineering &	0,3056	16	Nanoscien	0,1667	4	Engineerin
28	Mechanical Engineering &	0,4505	15	Materials	0,2418	4	Engineerin
28	Mechanical Engineering &	0,4483	168	Acoustics	0,2414	4	Engineerin
28	Mechanical Engineering &	0,6033	14	Energy	0,2562	4	Engineerin
28	Mechanical Engineering &	0,3704	14	Energy	0,3704	4	Engineerin
28	Mechanical Engineering &	0,6667	15	Materials	0,213	4	Engineerin
28	Mechanical Engineering &	0,354	15	Materials	0,2832	4	Engineerin
28	Mechanical Engineering &	0,7341	160	Geochemis	0,052	4	Engineerin
28	Mechanical Engineering &	0,3656	164	Applied Ma	0,2473	4	Engineerin
28	Mechanical Engineering &	0,7128	164	Applied Ma	0,0957	4	Engineerin
28	Mechanical Engineering &	0,75	14	Energy	0,0517	4	Engineerin
28	Mechanical Engineering &	0,7153	15	Materials	0,2083	4	Engineerin
28	Mechanical Engineering &	0,3388	164	Applied Ma	0,2997	4	Engineerin
28	Mechanical Engineering &	0,5306	164	Applied Ma	0,1939	4	Engineerin
28	Mechanical Engineering &	0,6176	22	Chemical E	0,3382	4	Engineerin
28	Mechanical Engineering &	0,6538	14	Energy	0,141	4	Engineerin
28	Mechanical Engineering &	0,5	170	Astronomy	0,2143	4	Engineerin
28	Mechanical Engineering &	0,3636	14	Energy	0,2955	4	Engineerin
28	Mechanical Engineering &	0,2429	168	Acoustics	0,1952	4	Engineerin
28	Mechanical Engineering &	0,2611	83	General Sc	0,2526	4	Engineerin
28	Mechanical Engineering &	0,5702	166	Numerical	0,1228	4	Engineerin
28	Mechanical Engineering &	0,8478	164	Applied Ma	0,0652	4	Engineerin
28	Mechanical Engineering &	0,2389	164	Applied Ma	0,2212	4	Engineerin
28	Mechanical Engineering &	0,5799	15	Materials	0,2329	4	Engineerin
28	Mechanical Engineering &	0,386	15	Materials	0,193	4	Engineerin
28	Mechanical Engineering &	0,1906	169	Applied Ph	0,1906	22	Physics & A
28	Mechanical Engineering &	0,3361	171	Chemical P	0,123	4	Engineerin
28	Mechanical Engineering &	0,3659	10	Design Pra	0,2317	4	Engineerin
28	Mechanical Engineering &	0,4167	15	Materials	0,3646	4	Engineerin
28	Mechanical Engineering &	0,8625	23	Civil Engine	0,0375	4	Engineerin
28	Mechanical Engineering &	0,4155	168	Acoustics	0,2603	4	Engineerin
28	Mechanical Engineering &	0,4068	174	Mathemat	0,1017	4	Engineerin
28	Mechanical Engineering &	0,225	23	Civil Engine	0,2	4	Engineerin
28	Mechanical Engineering &	0,6224	156	Organic Ch	0,2347	4	Engineerin
28	Mechanical Engineering &	0,4359	171	Chemical P	0,1282	4	Engineerin

28	Mechanical Engineering &	0,3511	15	Materials	0,1383	4	Engineerin
28	Mechanical Engineering &	0,525	15	Materials	0,3625	4	Engineerin
28	Mechanical Engineering &	0,5915	14	Energy	0,338	4	Engineerin
28	Mechanical Engineering &	0,3881	15	Materials	0,3358	4	Engineerin
28	Mechanical Engineering &	0,4884	102	Dentistry	0,1395	4	Engineerin
28	Mechanical Engineering &	0,4202	169	Applied Ph	0,2353	4	Engineerin
28	Mechanical Engineering &	0,2743	158	Polymers	0,1858	22	Physics & A
28	Mechanical Engineering &	0,2821	172	Fluids & Pl	0,2051	4	Engineerin
28	Mechanical Engineering &	0,2381	15	Materials	0,2063	4	Engineerin
28	Mechanical Engineering &	0,3974	169	Applied Ph	0,2821	4	Engineerin
28	Mechanical Engineering &	0,3077	164	Applied Ma	0,2404	4	Engineerin
28	Mechanical Engineering &	0,3478	14	Energy	0,2319	4	Engineerin
28	Mechanical Engineering &	0,5217	14	Energy	0,2029	4	Engineerin
28	Mechanical Engineering &	0,3571	15	Materials	0,2143	3	Enabling &
28	Mechanical Engineering &	0,3269	165	General M	0,1538	21	Mathemat
28	Mechanical Engineering &	0,5556	15	Materials	0,25	4	Engineerin
28	Mechanical Engineering &	0,3401	168	Acoustics	0,1973	22	Physics & A
28	Mechanical Engineering &	0,6508	164	Applied Ma	0,1905	4	Engineerin
28	Mechanical Engineering &	0,4581	14	Energy	0,0808	4	Engineerin
28	Mechanical Engineering &	0,7091	118	Orthopedic	0,0818	4	Engineerin
28	Mechanical Engineering &	0,4952	164	Applied Ma	0,2667	4	Engineerin
28	Mechanical Engineering &	0,931	23	Civil Engine	0,069	4	Engineerin
28	Mechanical Engineering &	0,4026	164	Applied Ma	0,1558	4	Engineerin
28	Mechanical Engineering &	0,4054	169	Applied Ph	0,3784	22	Physics & A
28	Mechanical Engineering &	0,8087	15	Materials	0,0696	4	Engineerin
28	Mechanical Engineering &	0,5102	160	Geochemis	0,1633	4	Engineerin
28	Mechanical Engineering &	0,4545	173	General Ph	0,2576	4	Engineerin
28	Mechanical Engineering &	0,9	14	Energy	0,1	4	Engineerin
28	Mechanical Engineering &	0,4021	15	Materials	0,3608	4	Engineerin
28	Mechanical Engineering &	0,5294	172	Fluids & Pl	0,1765	4	Engineerin
28	Mechanical Engineering &	0,8026	9	Building &	0,0921	4	Engineerin
28	Mechanical Engineering &	0,725	169	Applied Ph	0,075	4	Engineerin
28	Mechanical Engineering &	0,661	19	Aerospace	0,2034	4	Engineerin
28	Mechanical Engineering &	0,6429	23	Civil Engine	0,1429	4	Engineerin
28	Mechanical Engineering &	0,7857	169	Applied Ph	0,0476	4	Engineerin
28	Mechanical Engineering &	0,6395	24	Electrical &	0,0814	4	Engineerin
28	Mechanical Engineering &	0,4486	27	Industrial E	0,1916	4	Engineerin
28	Mechanical Engineering &	0,4815	9	Building &	0,1852	4	Engineerin
28	Mechanical Engineering &	0,7018	14	Energy	0,1053	4	Engineerin
28	Mechanical Engineering &	0,373	16	Nanoscien	0,1667	4	Engineerin
28	Mechanical Engineering &	0,4043	27	Industrial E	0,1702	4	Engineerin
28	Mechanical Engineering &	0,4259	169	Applied Ph	0,1667	4	Engineerin
28	Mechanical Engineering &	0,525	15	Materials	0,25	4	Engineerin
28	Mechanical Engineering &	0,4634	27	Industrial E	0,1341	4	Engineerin
28	Mechanical Engineering &	0,3265	169	Applied Ph	0,2755	4	Engineerin
28	Mechanical Engineering &	0,4938	14	Energy	0,4938	4	Engineerin
28	Mechanical Engineering &	0,6	15	Materials	0,4	4	Engineerin
28	Mechanical Engineering &	0,5874	15	Materials	0,139	4	Engineerin
28	Mechanical Engineering &	0,2587	14	Energy	0,1888	4	Engineerin
28	Mechanical Engineering &	0,35	27	Industrial E	0,325	4	Engineerin
28	Mechanical Engineering &	0,5309	169	Applied Ph	0,2099	4	Engineerin

28	Mechanical Engineering &	0,6581	172	Fluids & Pl	0,1368	4	Engineerin
28	Mechanical Engineering &	0,3315	168	Acoustics	0,2989	4	Engineerin
28	Mechanical Engineering &	0,4593	14	Energy	0,1704	4	Engineerin
28	Mechanical Engineering &	0,8395	14	Energy	0,0741	4	Engineerin
28	Mechanical Engineering &	0,4918	15	Materials	0,1639	4	Engineerin
28	Mechanical Engineering &	0,5	15	Materials	0,3125	4	Engineerin
28	Mechanical Engineering &	0,5732	22	Chemical E	0,2102	4	Engineerin
28	Mechanical Engineering &	0,8548	22	Chemical E	0,0565	4	Engineerin
28	Mechanical Engineering &	0,581	15	Materials	0,219	4	Engineerin
28	Mechanical Engineering &	0,4394	14	Energy	0,2576	4	Engineerin
28	Mechanical Engineering &	0,4318	15	Materials	0,375	4	Engineerin
28	Mechanical Engineering &	0,6	164	Applied Ma	0,175	4	Engineerin
28	Mechanical Engineering &	0,3469	173	General Ph	0,2245	22	Physics & A
28	Mechanical Engineering &	0,6296	14	Energy	0,2099	4	Engineerin
28	Mechanical Engineering &	0,66	15	Materials	0,16	4	Engineerin
28	Mechanical Engineering &	0,4935	15	Materials	0,2208	4	Engineerin
28	Mechanical Engineering &	0,186	172	Fluids & Pl	0,1686	22	Physics & A
28	Mechanical Engineering &	0,5581	168	Acoustics	0,3488	4	Engineerin
28	Mechanical Engineering &	0,2824	169	Applied Ph	0,1908	22	Physics & A
28	Mechanical Engineering &	0,6282	172	Fluids & Pl	0,141	4	Engineerin
28	Mechanical Engineering &	0,5122	14	Energy	0,1463	4	Engineerin
28	Mechanical Engineering &	0,7647	16	Nanoscien	0,0441	4	Engineerin
28	Mechanical Engineering &	0,4372	173	General Ph	0,1093	4	Engineerin
28	Mechanical Engineering &	0,766	169	Applied Ph	0,1489	4	Engineerin
28	Mechanical Engineering &	0,3833	172	Fluids & Pl	0,25	4	Engineerin
28	Mechanical Engineering &	0,3414	23	Civil Engine	0,2258	4	Engineerin
28	Mechanical Engineering &	0,5566	14	Energy	0,2028	4	Engineerin
28	Mechanical Engineering &	0,6794	29	Mining & M	0,1069	4	Engineerin
28	Mechanical Engineering &	0,7625	15	Materials	0,1375	4	Engineerin
28	Mechanical Engineering &	0,4551	27	Industrial E	0,1667	4	Engineerin
28	Mechanical Engineering &	0,6763	158	Polymers	0,1087	4	Engineerin
28	Mechanical Engineering &	0,2319	21	Biomedica	0,2029	4	Engineerin
28	Mechanical Engineering &	0,3109	172	Fluids & Pl	0,1849	4	Engineerin
28	Mechanical Engineering &	0,3953	19	Aerospace	0,2093	4	Engineerin
28	Mechanical Engineering &	0,2917	21	Biomedica	0,1111	4	Engineerin
28	Mechanical Engineering &	0,4771	25	Environme	0,2294	4	Engineerin
28	Mechanical Engineering &	0,5217	23	Civil Engine	0,2174	4	Engineerin
28	Mechanical Engineering &	0,8085	1	Agronomy	0,0851	4	Engineerin
28	Mechanical Engineering &	0,9231	23	Civil Engine	0,0385	4	Engineerin
28	Mechanical Engineering &	0,4455	15	Materials	0,2426	4	Engineerin
28	Mechanical Engineering &	0,2427	15	Materials	0,159	4	Engineerin
28	Mechanical Engineering &	0,7152	164	Applied Ma	0,0636	4	Engineerin
28	Mechanical Engineering &	0,8333	14	Energy	0,0833	4	Engineerin
28	Mechanical Engineering &	0,485	14	Energy	0,2857	4	Engineerin
28	Mechanical Engineering &	0,3846	15	Materials	0,1624	4	Engineerin
28	Mechanical Engineering &	0,463	15	Materials	0,3519	4	Engineerin
28	Mechanical Engineering &	0,4783	15	Materials	0,4674	4	Engineerin
28	Mechanical Engineering &	0,3276	23	Civil Engine	0,2241	4	Engineerin
28	Mechanical Engineering &	0,5106	172	Fluids & Pl	0,1702	4	Engineerin
28	Mechanical Engineering &	0,3535	15	Materials	0,2626	4	Engineerin
28	Mechanical Engineering &	0,56	172	Fluids & Pl	0,14	4	Engineerin

28	Mechanical Engineering &	0,3704	22	Chemical E	0,1481	4	Engineerin
28	Mechanical Engineering &	0,7524	24	Electrical &	0,0857	4	Engineerin
28	Mechanical Engineering &	0,566	14	Energy	0,1321	4	Engineerin
28	Mechanical Engineering &	0,4368	168	Acoustics	0,1609	4	Engineerin
28	Mechanical Engineering &	0,1994	15	Materials	0,1994	3	Enabling &
28	Mechanical Engineering &	0,6066	164	Applied Ma	0,1311	4	Engineerin
28	Mechanical Engineering &	0,5517	14	Energy	0,1724	4	Engineerin
28	Mechanical Engineering &	0,2405	21	Biomedica	0,2152	4	Engineerin
28	Mechanical Engineering &	0,9767	172	Fluids & Pl	0,0233	4	Engineerin
28	Mechanical Engineering &	0,4444	169	Applied Ph	0,1696	4	Engineerin
28	Mechanical Engineering &	0,4483	14	Energy	0,2414	4	Engineerin
28	Mechanical Engineering &	0,4839	19	Aerospace	0,129	4	Engineerin
28	Mechanical Engineering &	0,3472	15	Materials	0,3056	4	Engineerin
28	Mechanical Engineering &	0,6774	15	Materials	0,0645	4	Engineerin
28	Mechanical Engineering &	0,6727	17	Optoelectr	0,1455	4	Engineerin
28	Mechanical Engineering &	0,3958	15	Materials	0,2917	4	Engineerin
28	Mechanical Engineering &	0,66	169	Applied Ph	0,12	4	Engineerin
28	Mechanical Engineering &	0,2542	169	Applied Ph	0,1525	4	Engineerin
28	Mechanical Engineering &	0,2748	169	Applied Ph	0,2387	4	Engineerin
28	Mechanical Engineering &	0,6818	15	Materials	0,1818	4	Engineerin
28	Mechanical Engineering &	0,4286	166	Numerical	0,2381	4	Engineerin
28	Mechanical Engineering &	0,3744	9	Building &	0,2844	4	Engineerin
28	Mechanical Engineering &	0,4783	20	Automobil	0,3478	4	Engineerin
28	Mechanical Engineering &	0,7054	22	Chemical E	0,0954	4	Engineerin
28	Mechanical Engineering &	0,6647	25	Environme	0,1118	4	Engineerin
28	Mechanical Engineering &	0,5605	15	Materials	0,2735	4	Engineerin
28	Mechanical Engineering &	0,4898	26	Geological	0,2857	4	Engineerin
28	Mechanical Engineering &	0,2756	166	Numerical	0,1218	4	Engineerin
28	Mechanical Engineering &	0,4273	172	Fluids & Pl	0,1818	4	Engineerin
28	Mechanical Engineering &	0,2632	15	Materials	0,218	4	Engineerin
28	Mechanical Engineering &	0,5588	25	Environme	0,1471	4	Engineerin
28	Mechanical Engineering &	0,3625	15	Materials	0,275	4	Engineerin
28	Mechanical Engineering &	0,5658	16	Nanoscien	0,1184	4	Engineerin
28	Mechanical Engineering &	0,7742	14	Energy	0,0968	4	Engineerin
28	Mechanical Engineering &	0,3604	23	Civil Engine	0,3243	4	Engineerin
28	Mechanical Engineering &	0,6094	27	Industrial E	0,1875	4	Engineerin
28	Mechanical Engineering &	0,8378	164	Applied Ma	0,0405	4	Engineerin
28	Mechanical Engineering &	0,5052	15	Materials	0,2887	4	Engineerin
28	Mechanical Engineering &	0,4419	27	Industrial E	0,2093	4	Engineerin
28	Mechanical Engineering &	0,4112	169	Applied Ph	0,2617	4	Engineerin
28	Mechanical Engineering &	0,44	14	Energy	0,44	4	Engineerin
28	Mechanical Engineering &	0,6594	162	Meteorolo	0,0942	4	Engineerin
28	Mechanical Engineering &	0,7327	16	Nanoscien	0,1386	4	Engineerin
28	Mechanical Engineering &	0,5435	15	Materials	0,2609	4	Engineerin
28	Mechanical Engineering &	0,4862	164	Applied Ma	0,1101	4	Engineerin
28	Mechanical Engineering &	0,7143	14	Energy	0,1429	4	Engineerin
28	Mechanical Engineering &	0,144	169	Applied Ph	0,08	4	Engineerin
28	Mechanical Engineering &	0,4746	15	Materials	0,2373	4	Engineerin
28	Mechanical Engineering &	0,3431	14	Energy	0,3333	4	Engineerin
28	Mechanical Engineering &	0,3	168	Acoustics	0,1286	4	Engineerin
28	Mechanical Engineering &	0,5833	164	Applied Ma	0,4167	4	Engineerin

28	Mechanical Engineering &	0,82	14	Energy	0,1	4	Engineerin
28	Mechanical Engineering &	0,3385	173	General Ph	0,1308	22	Physics & A
28	Mechanical Engineering &	0,4444	172	Fluids & Pl	0,2698	4	Engineerin
28	Mechanical Engineering &	0,3846	9	Building &	0,2821	4	Engineerin
28	Mechanical Engineering &	0,726	23	Civil Engine	0,1826	4	Engineerin
28	Mechanical Engineering &	0,7576	171	Chemical P	0,1212	4	Engineerin
28	Mechanical Engineering &	0,8101	14	Energy	0,0759	4	Engineerin
28	Mechanical Engineering &	0,4975	14	Energy	0,3645	4	Engineerin
28	Mechanical Engineering &	0,5132	21	Biomedica	0,3158	4	Engineerin
28	Mechanical Engineering &	0,5	15	Materials	0,2222	4	Engineerin
28	Mechanical Engineering &	0,569	166	Numerical	0,1207	4	Engineerin
28	Mechanical Engineering &	0,2027	166	Numerical	0,1486	22	Physics & A
28	Mechanical Engineering &	0,3266	29	Mining & M	0,1532	4	Engineerin
28	Mechanical Engineering &	0,65	153	General Ch	0,15	4	Engineerin
28	Mechanical Engineering &	0,3258	173	General Ph	0,1236	4	Engineerin
28	Mechanical Engineering &	0,5484	16	Nanoscien	0,0968	4	Engineerin
28	Mechanical Engineering &	0,6012	14	Energy	0,2147	4	Engineerin
28	Mechanical Engineering &	0,4494	15	Materials	0,2472	4	Engineerin
28	Mechanical Engineering &	0,6429	15	Materials	0,2143	4	Engineerin
28	Mechanical Engineering &	0,6133	15	Materials	0,24	4	Engineerin
28	Mechanical Engineering &	0,1932	9	Building &	0,1705	4	Engineerin
28	Mechanical Engineering &	0,2632	20	Automobil	0,1711	4	Engineerin
28	Mechanical Engineering &	0,6301	160	Geochemis	0,0959	4	Engineerin
28	Mechanical Engineering &	0,8261	164	Applied Ma	0,1304	4	Engineerin
28	Mechanical Engineering &	1				4	Engineerin
28	Mechanical Engineering &	0,2441	169	Applied Ph	0,2362	22	Physics & A
28	Mechanical Engineering &	0,2963	16	Nanoscien	0,1852	22	Physics & A
28	Mechanical Engineering &	0,4601	164	Applied Ma	0,1043	4	Engineerin
28	Mechanical Engineering &	0,3929	164	Applied Ma	0,2679	4	Engineerin
28	Mechanical Engineering &	0,7632	14	Energy	0,1974	4	Engineerin
28	Mechanical Engineering &	0,6875	23	Civil Engine	0,25	4	Engineerin
28	Mechanical Engineering &	0,425	22	Chemical E	0,1625	4	Engineerin
28	Mechanical Engineering &	0,6747	14	Energy	0,1566	4	Engineerin
28	Mechanical Engineering &	0,5072	14	Energy	0,1739	4	Engineerin
28	Mechanical Engineering &	0,4221	14	Energy	0,3312	4	Engineerin
28	Mechanical Engineering &	0,6883	164	Applied Ma	0,0909	4	Engineerin
28	Mechanical Engineering &	0,6061	158	Polymers	0,2727	4	Engineerin
28	Mechanical Engineering &	0,5706	15	Materials	0,2373	4	Engineerin
28	Mechanical Engineering &	0,5647	14	Energy	0,2078	4	Engineerin
28	Mechanical Engineering &	0,3814	172	Fluids & Pl	0,3505	4	Engineerin
28	Mechanical Engineering &	0,474	21	Biomedica	0,1039	4	Engineerin
28	Mechanical Engineering &	0,6027	158	Polymers	0,3288	4	Engineerin
28	Mechanical Engineering &	0,5211	164	Applied Ma	0,1408	4	Engineerin
28	Mechanical Engineering &	0,2903	16	Nanoscien	0,1774	4	Engineerin
28	Mechanical Engineering &	0,3684	14	Energy	0,2105	4	Engineerin
28	Mechanical Engineering &	0,266	23	Civil Engine	0,2553	4	Engineerin
28	Mechanical Engineering &	0,359	16	Nanoscien	0,141	4	Engineerin
28	Mechanical Engineering &	0,3628	15	Materials	0,2301	4	Engineerin
28	Mechanical Engineering &	0,3778	164	Applied Ma	0,2222	4	Engineerin
28	Mechanical Engineering &	0,4335	169	Applied Ph	0,2486	4	Engineerin
28	Mechanical Engineering &	0,7	19	Aerospace	0,125	4	Engineerin

28	Mechanical Engineering &	0,8689	15	Materials	0,0984	4	Engineerin
28	Mechanical Engineering &	0,2778	26	Geological	0,2222	4	Engineerin
28	Mechanical Engineering &	0,5362	15	Materials	0,3188	4	Engineerin
28	Mechanical Engineering &	0,3506	14	Energy	0,2727	4	Engineerin
28	Mechanical Engineering &	0,4421	15	Materials	0,3684	4	Engineerin
28	Mechanical Engineering &	0,6129	14	Energy	0,2581	4	Engineerin
28	Mechanical Engineering &	0,4182	15	Materials	0,4182	4	Engineerin
28	Mechanical Engineering &	0,4348	15	Materials	0,3478	4	Engineerin
28	Mechanical Engineering &	0,6134	162	Meteorolo	0,1345	4	Engineerin
28	Mechanical Engineering &	0,2851	29	Mining & M	0,1448	4	Engineerin
28	Mechanical Engineering &	0,7097	15	Materials	0,1129	4	Engineerin
28	Mechanical Engineering &	0,4348	14	Energy	0,2174	4	Engineerin
28	Mechanical Engineering &	0,5442	15	Materials	0,1943	4	Engineerin
28	Mechanical Engineering &	0,44	15	Materials	0,1467	4	Engineerin
28	Mechanical Engineering &	0,8947	15	Materials	0,0877	4	Engineerin
28	Mechanical Engineering &	0,1692	173	General Ph	0,0615	4	Engineerin
28	Mechanical Engineering &	0,4318	14	Energy	0,3864	3	Enabling &
28	Mechanical Engineering &	0,5517	15	Materials	0,2759	4	Engineerin
28	Mechanical Engineering &	0,3233	169	Applied Ph	0,2857	4	Engineerin
28	Mechanical Engineering &	0,3438	164	Applied Ma	0,1563	4	Engineerin
28	Mechanical Engineering &	0,3947	172	Fluids & Pl	0,3421	4	Engineerin
28	Mechanical Engineering &	0,3947	15	Materials	0,2316	4	Engineerin
28	Mechanical Engineering &	0,4706	21	Biomedica	0,0882	4	Engineerin
28	Mechanical Engineering &	0,1728	15	Materials	0,1275	4	Engineerin
28	Mechanical Engineering &	0,349	164	Applied Ma	0,255	4	Engineerin
28	Mechanical Engineering &	0,5385	14	Energy	0,2098	4	Engineerin
28	Mechanical Engineering &	0,6016	164	Applied Ma	0,1328	4	Engineerin
28	Mechanical Engineering &	0,5	22	Chemical E	0,1429	4	Engineerin
28	Mechanical Engineering &	0,6071	15	Materials	0,3571	4	Engineerin
28	Mechanical Engineering &	0,6162	15	Materials	0,227	4	Engineerin
28	Mechanical Engineering &	0,521	168	Acoustics	0,1513	4	Engineerin
28	Mechanical Engineering &	0,4872	15	Materials	0,4615	4	Engineerin
28	Mechanical Engineering &	0,8889	15	Materials	0,037	4	Engineerin
28	Mechanical Engineering &	0,8519	14	Energy	0,1111	4	Engineerin
28	Mechanical Engineering &	0,6176	15	Materials	0,2647	4	Engineerin
28	Mechanical Engineering &	0,4063	164	Applied Ma	0,2083	4	Engineerin
28	Mechanical Engineering &	0,8361	169	Applied Ph	0,1393	4	Engineerin
28	Mechanical Engineering &	0,5556	15	Materials	0,3333	4	Engineerin
28	Mechanical Engineering &	0,3958	22	Chemical E	0,25	4	Engineerin
28	Mechanical Engineering &	0,3659	14	Energy	0,2317	4	Engineerin
28	Mechanical Engineering &	0,3091	166	Numerical	0,2364	21	Mathemat
28	Mechanical Engineering &	0,1956	169	Applied Ph	0,0933	22	Physics & A
28	Mechanical Engineering &	0,875	22	Chemical E	0,125	4	Engineerin
28	Mechanical Engineering &	0,46	164	Applied Ma	0,23	4	Engineerin
28	Mechanical Engineering &	0,4103	14	Energy	0,359	4	Engineerin
28	Mechanical Engineering &	0,8182	9	Building &	0,0909	4	Engineerin
28	Mechanical Engineering &	0,8167	19	Aerospace	0,0583	4	Engineerin
28	Mechanical Engineering &	0,1694	166	Numerical	0,1532	22	Physics & A
28	Mechanical Engineering &	0,7574	27	Industrial E	0,071	4	Engineerin
28	Mechanical Engineering &	0,6739	15	Materials	0,2391	4	Engineerin
28	Mechanical Engineering &	0,2692	172	Fluids & Pl	0,2308	22	Physics & A

28	Mechanical Engineering &	0,2131	173	General Ph	0,1803	4	Engineerin
28	Mechanical Engineering &	0,2267	15	Materials	0,1733	3	Enabling &
28	Mechanical Engineering &	0,3235	172	Fluids & Pl	0,2353	4	Engineerin
28	Mechanical Engineering &	0,4556	23	Civil Engine	0,2222	4	Engineerin
28	Mechanical Engineering &	0,5804	169	Applied Ph	0,1429	4	Engineerin
28	Mechanical Engineering &	0,5088	169	Applied Ph	0,1491	4	Engineerin
28	Mechanical Engineering &	0,2521	15	Materials	0,2521	22	Physics & A
28	Mechanical Engineering &	0,8824	16	Nanoscien	0,1176	4	Engineerin
28	Mechanical Engineering &	0,957	19	Aerospace	0,0108	4	Engineerin
28	Mechanical Engineering &	0,2089	37	Networkin	0,1835	5	Informatio
28	Mechanical Engineering &	0,4583	164	Applied Ma	0,1389	4	Engineerin
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28	Mechanical Engineering &	0,625	15	Materials	0,25	4	Engineerin
28	Mechanical Engineering &	0,7019	14	Energy	0,0673	4	Engineerin
28	Mechanical Engineering &	0,4667	156	Organic Ch	0,1467	4	Engineerin
28	Mechanical Engineering &	0,3128	18	Strategic, D	0,0872	4	Engineerin
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28	Mechanical Engineering &	0,3421	27	Industrial E	0,1654	4	Engineerin
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28	Mechanical Engineering &	0,5866	23	Civil Engine	0,1969	4	Engineerin
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28	Mechanical Engineering &	0,5517	15	Materials	0,1897	4	Engineerin
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28	Mechanical Engineering &	0,3869	15	Materials	0,3631	4	Engineerin
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28	Mechanical Engineering &	0,6364	22	Chemical E	0,0826	4	Engineerin
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28	Mechanical Engineering &	0,4077	168	Acoustics	0,2	4	Engineerin
28	Mechanical Engineering &	0,36	169	Applied Ph	0,24	4	Engineerin
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28	Mechanical Engineering &	0,2857	172	Fluids & Pl	0,2245	22	Physics & A
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28	Mechanical Engineering &	0,4455	164	Applied Ma	0,3762	21	Mathemat
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28	Mechanical Engineering &	0,5816	164	Applied Ma	0,1429	4	Engineerin
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28	Mechanical Engineering &	0,6	14	Energy	0,2182	4	Engineerin
28	Mechanical Engineering &	0,5172	15	Materials	0,1034	4	Engineerin
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28	Mechanical Engineering &	0,3404	18	Strategic, D	0,2766	4	Engineerin
28	Mechanical Engineering &	0,8736	23	Civil Engine	0,0345	4	Engineerin
28	Mechanical Engineering &	0,5	164	Applied Ma	0,1714	4	Engineerin
28	Mechanical Engineering &	0,8431	164	Applied Ma	0,098	4	Engineerin
28	Mechanical Engineering &	0,52	16	Nanoscien	0,14	4	Engineerin
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28	Mechanical Engineering &	0,377	169	Applied Ph	0,1967	4	Engineerin
28	Mechanical Engineering &	0,5238	14	Energy	0,2619	4	Engineerin
28	Mechanical Engineering &	0,5135	26	Geological	0,2162	4	Engineerin
28	Mechanical Engineering &	0,7841	164	Applied Ma	0,1477	4	Engineerin
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28	Mechanical Engineering &	0,593	168	Acoustics	0,1163	4	Engineerin
28	Mechanical Engineering &	0,4167	23	Civil Engine	0,3125	4	Engineerin
28	Mechanical Engineering &	0,6154	164	Applied Ma	0,1795	4	Engineerin
28	Mechanical Engineering &	0,2667	169	Applied Ph	0,2667	22	Physics & A
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28	Mechanical Engineering &	0,5479	14	Energy	0,2192	4	Engineerin
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28	Mechanical Engineering &	0,3571	165	General M	0,2262	21	Mathemat
28	Mechanical Engineering &	0,24	169	Applied Ph	0,18	22	Physics & A
28	Mechanical Engineering &	0,5676	166	Numerical	0,1892	4	Engineerin
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28	Mechanical Engineering &	0,3182	171	Chemical P	0,25	4	Engineerin
28	Mechanical Engineering &	0,3824	15	Materials	0,3529	4	Engineerin
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28	Mechanical Engineering &	0,2432	171	Chemical P	0,2432	22	Physics & A
28	Mechanical Engineering &	0,4231	14	Energy	0,1923	4	Engineerin
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28	Mechanical Engineering &	0,3714	15	Materials	0,3429	4	Engineerin

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