diagcat	Frequency	Percent	Cumulative Frequency	Cumulative Percent
125	527	3.90	527	3.90
I10	447	3.31	974	7.21
Y83	368	2.73	1342	9.94
O70	311	2.30	1653	12.24
E87	282	2.09	1935	14.33
150	280	2.07	2215	16.40
120	267	1.98	2482	18.38
148	253	1.87	2735	20.25
U98	253	1.87	2988	22.13
801	222	1.64	3210	23.77
N39	214	1.58	3424	25.36
T81	212	1.57	3636	26.93
E11	208	1.54	3844	28.47
I21	206	1.53	4050	29.99
Z35	206	1.53	4256	31.52
N17	193	1.43	4449	32.95
Z 51	183	1.36	4632	34.30
O68	176	1.30	4808	35.60
B96	175	1.30	4983	36.90
N18	174	1.29	5157	38.19
J18	170	1.26	5327	39.45
J44	161	1.19	5488	40.64
D64	156	1.16	5644	41.80
C78	149	1.10	5793	42.90
D62	141	1.04	5934	43.94
Z75	138	1.02	6072	44.96
Z95	138	1.02	6210	45.99
E78	137	1.01	6347	47.00
Z22	130	0.96	6477	47.96
C79	126	0.93	6603	48.90
814	122	0.90	6725	49.80
O69	121	0.90	6846	50.70
P07	110	0.81	6956	51.51
O48	104	0.77	7060	52.28
Z85	104	0.77	7164	53.05
O62	103	0.76	7267	53.81

diagcat	Frequency	Percent	Cumulative Frequency	Cumulative Percent
R41	102	0.76	7369	54.57
U99	96	0.71	7465	55.28
195	92	0.68	7557	55.96
R50	92	0.68	7649	56.64
O63	84	0.62	7733	57.26
O36	81	0.60	7814	57.86
J96	79	0.59	7893	58.45
B95	77	0.57	7970	59.02
l12	76	0.56	8046	59.58
J95	75	0.56	8121	60.14
J90	73	0.54	8194	60.68
Z29	71	0.53	8265	61.20
K52	70	0.52	8335	61.72
P59	68	0.50	8403	62.23
R07	68	0.50	8471	62.73
O34	67	0.50	8538	63.23
O60	65	0.48	8603	63.71
C34	64	0.47	8667	64.18
R11	64	0.47	8731	64.65
Z03	63	0.47	8794	65.12
E86	61	0.45	8855	65.57
F32	61	0.45	8916	66.02
Z91	59	0.44	8975	66.46
O72	58	0.43	9033	66.89
D68	55	0.41	9088	67.30
F05	55	0.41	9143	67.71
O32	54	0.40	9197	68.11
R13	54	0.40	9251	68.51
T82	54	0.40	9305	68.91
889	52	0.39	9357	69.29
197	52	0.39	9409	69.68
Y84	52	0.39	9461	70.06
D70	51	0.38	9512	70.44
147	49	0.36	9561	70.80
M17	49	0.36	9610	71.16
O42	49	0.36	9659	71.53

diagcat	Frequency	Percent	Cumulative Frequency	Cumulative Percent
S72	49	0.36	9708	71.89
Z50	48	0.36	9756	72.25
807	47	0.35	9803	72.59
075	47	0.35	9850	72.94
R00	47	0.35	9897	73.29
J81	46	0.34	9943	73.63
W01	46	0.34	9989	73.97
P22	45	0.33	10034	74.30
R06	45	0.33	10079	74.64
C77	44	0.33	10123	74.96
O13	43	0.32	10166	75.28
J45	42	0.31	10208	75.59
J98	42	0.31	10250	75.90
G47	41	0.30	10291	76.21
R09	41	0.30	10332	76.51
D63	40	0.30	10372	76.81
D25	39	0.29	10411	77.10
R45	39	0.29	10450	77.38
R56	39	0.29	10489	77.67
W19	39	0.29	10528	77.96
D50	38	0.28	10566	78.24
K59	38	0.28	10604	78.52
N08	38	0.28	10642	78.81
N40	38	0.28	10680	79.09
Z72	38	0.28	10718	79.37
C50	37	0.27	10755	79.64
K56	37	0.27	10792	79.92
K92	37	0.27	10829	80.19
850	36	0.27	10865	80.46
L03	36	0.27	10901	80.72
A41	34	0.25	10935	80.98
R18	34	0.25	10969	81.23
R33	33	0.24	11002	81.47
N99	31	0.23	11033	81.70
Z94	31	0.23	11064	81.93
K21	30	0.22	11094	82.15

diagcat	Frequency	Percent	Cumulative Frequency	Cumulative Percent
R31	30	0.22	11124	82.38
135	29	0.21	11153	82.59
I51	29	0.21	11182	82.81
I71	29	0.21	11211	83.02
180	29	0.21	11240	83.23
Z53	29	0.21	11269	83.45
A04	28	0.21	11297	83.66
144	28	0.21	11325	83.86
165	28	0.21	11353	84.07
170	28	0.21	11381	84.28
F03	27	0.20	11408	84.48
179	27	0.20	11435	84.68
J69	27	0.20	11462	84.88
K35	27	0.20	11489	85.08
M48	27	0.20	11516	85.28
M51	27	0.20	11543	85.48
R78	27	0.20	11570	85.68
Z92	27	0.20	11597	85.88
126	26	0.19	11623	86.07
163	26	0.19	11649	86.26
R53	26	0.19	11675	86.46
R60	26	0.19	11701	86.65
K85	25	0.19	11726	86.83
E03	24	0.18	11750	87.01
174	24	0.18	11774	87.19
N92	24	0.18	11798	87.37
P08	24	0.18	11822	87.54
R89	24	0.18	11846	87.72
V30	24	0.18	11870	87.90
C90	23	0.17	11893	88.07
D69	23	0.17	11916	88.24
E83	23	0.17	11939	88.41
F10	23	0.17	11962	88.58
F20	23	0.17	11985	88.75
K57	23	0.17	12008	88.92
L97	23	0.17	12031	89.09

diagcat	Frequency	Percent	Cumulative Frequency	Cumulative Percent
N73	23	0.17	12054	89.26
W10	23	0.17	12077	89.43
780	22	0.16	12099	89.60
O30	22	0.16	12121	89.76
R73	22	0.16	12143	89.92
Y44	22	0.16	12165	90.08
C61	21	0.16	12186	90.24
G20	21	0.16	12207	90.40
G30	21	0.16	12228	90.55
K65	21	0.16	12249	90.71
K66	21	0.16	12270	90.86
N80	21	0.16	12291	91.02
O41	21	0.16	12312	91.17
R55	21	0.16	12333	91.33
973	20	0.15	12353	91.48
146	20	0.15	12373	91.62
173	20	0.15	12393	91.77
M16	20	0.15	12413	91.92
W18	20	0.15	12433	92.07
Z30	20	0.15	12453	92.22
N83	19	0.14	12472	92.36
R32	19	0.14	12491	92.50
Z54	19	0.14	12510	92.64
123	18	0.13	12528	92.77
959	17	0.13	12545	92.90
C20	17	0.13	12562	93.02
C80	17	0.13	12579	93.15
F00	17	0.13	12596	93.28
K43	17	0.13	12613	93.40
N13	17	0.13	12630	93.53
P05	17	0.13	12647	93.65
R47	17	0.13	12664	93.78
Y43	17	0.13	12681	93.91
F12	16	0.12	12697	94.02
F41	16	0.12	12713	94.14
F43	16	0.12	12729	94.26

diagcat	Frequency	Percent	Cumulative Frequency	Cumulative Percent
G45	16	0.12	12745	94.38
G55	16	0.12	12761	94.50
I42	16	0.12	12777	94.62
K80	16	0.12	12793	94.73
K91	16	0.12	12809	94.85
R57	16	0.12	12825	94.97
G81	15	0.11	12840	95.08
I27	15	0.11	12855	95.19
O64	15	0.11	12870	95.31
A49	14	0.10	12884	95.41
134	14	0.10	12898	95.51
N20	14	0.10	12912	95.62
R10	14	0.10	12926	95.72
R21	14	0.10	12940	95.82
Z86	14	0.10	12954	95.93
401	13	0.10	12967	96.02
B37	13	0.10	12980	96.12
E66	13	0.10	12993	96.22
164	13	0.10	13006	96.31
Y60	13	0.10	13019	96.41
486	12	0.09	13031	96.50
F31	12	0.09	13043	96.59
M06	12	0.09	13055	96.68
O99	12	0.09	13067	96.76
P00	12	0.09	13079	96.85
Y45	12	0.09	13091	96.94
276	11	0.08	13102	97.02
D61	11	0.08	13113	97.10
J84	11	0.08	13124	97.19
K50	11	0.08	13135	97.27
K70	11	0.08	13146	97.35
N19	11	0.08	13157	97.43
R62	11	0.08	13168	97.51
968	10	0.07	13178	97.59
C67	10	0.07	13188	97.66
C83	10	0.07	13198	97.73

diagcat	Frequency	Percent	Cumulative Frequency	Cumulative Percent
F60	10	0.07	13208	97.81
M80	10	0.07	13218	97.88
B24	9	0.07	13227	97.95
E84	9	0.07	13236	98.02
Q21	9	0.07	13245	98.08
250	8	0.06	13253	98.14
427	8	0.06	13261	98.20
V27	8	0.06	13269	98.26
285	7	0.05	13276	98.31
410	7	0.05	13283	98.36
650	7	0.05	13290	98.42
787	7	0.05	13297	98.47
014	7	0.05	13304	98.52
198	6	0.04	13310	98.56
784	6	0.04	13316	98.61
786	6	0.04	13322	98.65
197	5	0.04	13327	98.69
244	5	0.04	13332	98.73
428	5	0.04	13337	98.76
458	5	0.04	13342	98.80
511	5	0.04	13347	98.84
585	5	0.04	13352	98.87
799	5	0.04	13357	98.91
E88	5	0.04	13362	98.95
162	4	0.03	13366	98.98
414	4	0.03	13370	99.01
599	4	0.03	13374	99.04
644	4	0.03	13378	99.07
654	4	0.03	13382	99.10
996	4	0.03	13386	99.13
800	3	0.02	13389	99.15
041	3	0.02	13392	99.17
174	3	0.02	13395	99.19
296	3	0.02	13398	99.22
412	3	0.02	13401	99.24
434	3	0.02	13404	99.26

diagcat	Frequency	Percent	Cumulative Frequency	Cumulative Percent
564	3	0.02	13407	99.28
574	3	0.02	13410	99.30
658	3	0.02	13413	99.33
663	3	0.02	13416	99.35
813	3	0.02	13419	99.37
820	3	0.02	13422	99.39
V58	3	0.02	13425	99.41
188	2	0.01	13427	99.43
272	2	0.01	13429	99.44
293	2	0.01	13431	99.46
303	2	0.01	13433	99.47
411	2	0.01	13435	99.49
436	2	0.01	13437	99.50
493	2	0.01	13439	99.52
496	2	0.01	13441	99.53
518	2	0.01	13443	99.55
578	2	0.01	13445	99.56
611	2	0.01	13447	99.58
620	2	0.01	13449	99.59
642	2	0.01	13451	99.61
645	2	0.01	13453	99.62
659	2	0.01	13455	99.64
661	2	0.01	13457	99.65
664	2	0.01	13459	99.67
714	2	0.01	13461	99.68
715	2	0.01	13463	99.70
785	2	0.01	13465	99.71
965	2	0.01	13467	99.73
V10	2	0.01	13469	99.74
V12	2	0.01	13471	99.76
V15	2	0.01	13473	99.77
V31	2	0.01	13475	99.79
V63	2	0.01	13477	99.80
V66	2	0.01	13479	99.81
038	1	0.01	13480	99.82
183	1	0.01	13481	99.83

diagcat	Frequency	Percent	Cumulative Frequency	Cumulative Percent
185	1	0.01	13482	99.84
196	1	0.01	13483	99.84
202	1	0.01	13484	99.85
204	1	0.01	13485	99.86
287	1	0.01	13486	99.87
294	1	0.01	13487	99.87
298	1	0.01	13488	99.88
311	1	0.01	13489	99.89
512	1	0.01	13490	99.90
558	1	0.01	13491	99.90
560	1	0.01	13492	99.91
584	1	0.01	13493	99.92
592	1	0.01	13494	99.93
652	1	0.01	13495	99.93
662	1	0.01	13496	99.94
729	1	0.01	13497	99.95
765	1	0.01	13498	99.96
769	1	0.01	13499	99.96
789	1	0.01	13500	99.97
M81	1	0.01	13501	99.98
M88	1	0.01	13502	99.99
V02	1	0.01	13503	99.99
V45	1	0.01	13504	100.00