A Compact Prime Listing

By Sol Weintraub

Abstract. A very compact listing of the primes to 100000 is given and applications to computer storage of primes is indicated.

The accompanying table gives a compact listing of prime numbers for the interval from zero to 100000. Each decade (an interval of 10 numbers) can contain at most 4 primes: Those numbers congruent to 1, 3, 7 or 9 mod 10 (with the obvious exception of the first four primes: 2, 3, 5 and 7). There exist $\sum_{i=0}^4 \binom{4}{i} = 16$ possible combinations for each decade. These 16 possibilities are represented in the table by the symbols O, A, B, C, ..., N and P and their meanings are indicated at the bottom of the table. (An additional symbol, Q, is used for the first four primes.)

The left-hand column in the table indicates the thousands, the top row the hundreds and the second row the decades. Thus, for example, to see if 39199 is prime we look at the row for 39000 in the 100 column and down the 9 column and find the symbol G. This shows that in this decade 1 and 9 are primes; i.e., 39191 and 39199 are both primes.

In addition, the table lists the counts of primes for each interval of 100 and for each 1000. The key for the hundreds is indicated at the bottom of the first page of the table. Thus, there are $P = 25$ primes from 0 to 100 and $L = 21$ primes from 100 to 200 etc. From 0 to 1000 there are 168 primes. Also, as shown on the bottom of the table, there are 5133 primes from zero to 50000 and 9592 primes from zero to 100000.

Since, in most computers, words are represented in the octal or hexadecimal (16) systems the listing provides an efficient means for computer storage of primes.

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	100	200	300	400	500	600	700	800	900	COUNTS BY HUNDREDS	M	
0	0123456789	0123456789	0123456789	0123456789	0123456789	0123456789	0123456789	0123456789	0123456789			
1000	QPIKIFLIC	PROCFMIAF	QANIAFIFEE	CKGUFJICIC	QDALTICUCG	IGNEFIFICT	FNDAKIAHBA	GGCIBFURCC	DAPJUNBSCK	GGUCFCFCBF	PLGGHGEFE	168
2000	DIADALOCK	ICIOGEBAF	AHIFDQJIF	KQFOONFAD	QONICLAAPI	QBAATIGGIC	MFICGQNOON	DIWERIGCNO	AAHACQFPDO	FHOEDAGICN	GGCFHMCFCO	135
3000	BFJZDUBUP	DEUFERANO	HBAJHJBFH	EAOTFFFLI	AFPGFCQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127
4000	ARGGOFJUI	UNAQOONFA	ICGONPAAL	FIJAHDAEA	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127
5000	KIFDQFJIO	QAJQONUCO	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127	
6000	IAEDGHCIDA	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127	
7000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
8000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
9000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
10000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
11000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
12000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
13000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
14000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
15000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
16000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
17000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
18000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
19000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
20000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
21000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
22000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
23000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
24000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
25000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
26000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
27000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
28000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
29000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
30000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
31000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
32000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
33000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
34000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
35000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
36000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
37000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
38000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
39000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
40000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
41000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
42000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
43000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
44000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
45000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
46000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
47000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
48000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		
49000	QONFCJQHQ	QMAJFIAIC	QONFCJQHQ	QWATJIFDDE	QCAACJFJVI	GLDAGRUCDF	EOOHMFADCC	ICCDQOIAO	EAFFABFECB	127		

0-90 A=1 B=3 C=7 D=9 E=13 F=17 G=19 H=37 I=39 J=79 K=137 L=139 M=139 N=139 O=139 P=139 Q=139 R=139 S=139 T=139 U=139 V=139 W=139 X=139 Y=139 Z=139
 KEY FOR HUNDREDS... A=10 B=11 C=12 D=13 E=14 F=15 G=16 H=17 I=18 J=19 K=20 L=21 P=25

CUM. 5133

COUNT 5133

A COMPACT PRIME LISTING

857

	100	200	300	400	500	600	700	800	900	COUNTS BY HUNDREDS	H
0123456789	0123456789	0123456789	0123456789	0123456789	0123456789	0123456789	0123456789	0123456789	0123456789		
50000	008BCEDECB	AGIAC10C00	CF A00EBCA	0AGRA9BCH0	0FRQADAD0C	BRCH1A00FL	00C8CA0A80	C0B8A8CB0D	00A1DCC80E	D0108FDAD8	AA947C5699
51000	A00AM0A00	D00K0FD00N	RCDAC10C00	C0D0P0A080	C1F0Q0A1F0	BFAD0ABCA1	CF8FCDD19A	01ADAD0JCC	8CJ0U1DA01	CB0D0G0K0A	7A985AAB89
52000	00F00FJ0A0	B0FC6B8C00	A0B0C10C0A	00B0H0L0C0	00B0H0L0C0	A0B0H0L0C0	D0C0G0CB0F	DAFRCDD0B0	CHC0D0AD10	EDC0G0M0A0	AA944C8998
53000	BC00C0ADCB	ADU0A0AEDC	A00L00J0AE	D0M0L00C0A	FGCA0B0000	BFAC0AD00K	AF110H00A1	01AD0CA0F0	01AD0CA0F0	CJ0D0G0C00	89978C8B88
54000	AECDC0008A	ADU0A0A08B	0000A0DCCE	D0M0L00C0A	00B0H0L0C0	BFAC0AD00K	AF110H00A1	01AD0CA0F0	01AD0CA0F0	CJ0D0G0C00	89978C8B88
55000	G0A0D800F1	IC00C0B0A0	FMD01D00A1	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
56000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
57000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
58000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
59000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
60000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
61000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
62000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
63000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
64000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
65000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
66000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
67000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
68000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
69000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
70000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
71000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
72000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
73000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
74000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
75000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
76000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
77000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
78000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
79000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
80000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
81000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
82000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
83000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
84000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
85000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
86000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
87000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
88000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
89000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
90000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
91000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
92000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
93000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
94000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
95000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
96000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
97000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
98000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0
99000	000A0800F1	AB8AFC0C0C	J00J0D0001	08P8BA008A	ADAC0D0C00	ADAF0B0D0J	1DA0L00K8A	0FAD0B0001	CNFC10A0C0	E0F0ED0C0C	97A47E8CA0

0=0 A=1 B=3 C=7 D=9 E=13 F=17 G=19 H=37 I=39 J=79 K=137 L=139 M=179 N=379 P=1379 COUNT 4459 CUMUL. 9592