

# KNOWN UNKNOWNs in the 32-subject-sheet FRNs

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The following is a list of known problems with the serial-numbering data on Federal Reserve Notes printed in 32-subject sheets (i.e., Series 1963 to date). Many of the items listed here involve disagreements between the BEP's monthly production reports and the notes actually observed in collections or in circulation; others result from a lack of detail in the older BEP records; others are simply quirks in the serial numbering that seemed worthy of investigation; and a few appear to be actual numbering errors by the BEP. Routine typographical errors in the BEP reports are not included, and neither are some more serious reporting errors where enough notes have already been observed to conclusively determine what was actually printed. In other words, if a serial range appears in this list, the data is sufficiently in doubt that additional observations would be helpful.

Therefore, if you have any notes from any of these serial ranges in your possession, please report them to me at [webmaster@uspapermoney.info](mailto:webmaster@uspapermoney.info). Include a scan or clear photo of the note if at all possible; failing that, send the series, denomination, serial number, plate position (small letter/number pair on the LEFT side of the note--NOT just the letter!), and face and back plate numbers. Also, please distribute this document to other collectors so that they can join the search. Resulting improvements in our knowledge of the FRN serial numbering will be reflected in the listings at [www.USPaperMoney.Info](http://www.USPaperMoney.Info). Many thanks for any help you can provide!

The latest version of this document can be found at <http://www.uspapermoney.info/unknown.pdf>.

## Non-star notes:

1969B \$1 B 377 60001 B - B 428 80000 B: COPE/conventional status uncertain.

1988A \$1 C 960 00001 B - C 999 99999 B: it appears that some serials were printed more than once in different plate positions.

1988A \$1 K 960 00001 A - K 999 99999 A: the DC-printed and FW-printed uncut sheets may have used some duplicate serials.

2003A \$1 E 960 00001 A - E 999 99999 A: there may be two uncut sheet runs using some duplicate serials.

1974 \$5 A 556 80001 B - A 582 40000 B: COPE/conventional status uncertain.

1974 \$5 G 921 60001 C - G 960 00000 C: COPE/conventional status uncertain.

1974 \$5 K 262 40001 B - K 307 20000 B: COPE/conventional status uncertain.

1988A \$20 K 512 00001 A - K 640 00000 A: not reported by BEP, but observed.

1988A \$20 K 640 00001 A - K 704 00000 A: neither reported by BEP nor observed, but listed in the references.

1969A \$50 A 035 84001 A - A 038 40000 A: not reported by BEP, but observed.

1969B \$50 A 035 84001 A - A 038 40000 A: reported by BEP, but observed notes are 1969A.

1969C \$50 A 053 76001 A - A 064 00000 A: reported by BEP, but observed notes are 1974, and part of the range may not exist at all.

1974 \$50 A 053 76001 A - A 064 00000 A: not reported by BEP, but observed--though part of the range may not exist.

1974 \$50 H 005 12001 A - H 032 00000 A: the print run structure is unclear and there could even be a gap.

1985 \$50 F 096 00001 A - F 160 00000 A: reported by BEP, but the references omit them.

1969C \$100 G 172 80001 A - G 179 20000 A: not reported by BEP, but observed.

1974 \$100 G 172 80001 A - G 179 20000 A: reported by BEP, but observed notes are 1969C.

## Star notes:

1977 \$1 I 025 60001 \* - I 032 00000 \*: not reported by BEP, but observed.  
1977 \$1 L 051 20001 \* - L 057 60000 \*: COPE/conventional status uncertain.  
1977A \$1 I 025 60001 \* - I 032 00000 \*: reported by BEP, but observed notes are 1977.  
1981 \$1 J 032 00001 \* - J 038 40000 \*: not reported by BEP, but observed; at least 16,000 sheets printed.  
1981 \$1 L 032 00001 \* - L 038 40000 \*: reported by BEP, but so was L 032 00001 \* - L 064 00000 \*; the former has not been observed.  
1985 \$1 E 000 00001 \* - E 032 00000 \*: not reported by BEP, but observed; at least 92,000 sheets printed.  
1985 \$1 E 032 00001 \* - E 064 00000 \*: BEP reported 20,000 sheets, but is at least 93,000.  
1985 \$1 G 032 00001 \* - G 064 00000 \*: BEP reported 20,000 sheets, unconfirmed report of more.  
1988 \$1 B 000 00001 \* - B 032 00000 \*: BEP reported 80,000 sheets, but is at least 90,000.  
1988 \$1 E 000 00001 \* - E 032 00000 \*: BEP reported 84,000 sheets, but is at least 98,000.  
1988A \$1 I 000 00001 \* - I 032 00000 \*: BEP reported 80,000 sheets, but is probably 100,000.  
1988A \$1 I 096 00001 \* - I 128 00000 \*: reported by BEP, but no notes observed.  
1988A \$1 L 000 00001 \* - L 032 00000 \*: BEP reported 92,000 sheets, but is at least 95,000.  
1995 \$1 B 000 00001 \* - B 006 40000 \*: reported once by BEP; parts of range apparently printed as many as four times.  
1995 \$1 E 000 00001 \* - E 032 00000 \*: run apparently skipped--neither reported by BEP nor observed.  
1995 \$1 E 032 00001 \* - E 038 40000 \*: reported by BEP, but no notes observed.  
1995 \$1 F 096 00001 \* - F 111 36000 \*: reported once by BEP; part of range apparently printed twice.  
1999 \$1 H 032 00001 \* - H 038 40000 \*: reported by BEP, but no notes observed.  
2001 \$1 K 000 00001 \* - K 032 00000 \*: run apparently skipped--neither reported by BEP nor observed.  
2006 \$1 B 064 00001 \* - B 096 00000 \*: several plate positions received unexpected serials, including some supposedly not printed.

1976 \$2 B 019 20001 \* - B 025 60000 \*: reported by BEP, but no notes observed.

1963 \$5 K 012 80001 \* - K 019 20000 \*: reported by BEP, but observed notes are 1963A.  
1963A \$5 E 019 20001 \* - E 020 80000 \*: potential star gap--may or may not have been printed.  
1963A \$5 E 025 60001 \* - E 027 20000 \*: potential star gap--may or may not have been printed.  
1963A \$5 E 032 00001 \* - E 033 60000 \*: potential star gap--may or may not have been printed.  
1963A \$5 E 044 80001 \* - E 046 40000 \*: potential star gap--may or may not have been printed.  
1963A \$5 E 083 20001 \* - E 084 80000 \*: potential star gap--may or may not have been printed.  
1963A \$5 E 096 00001 \* - E 097 60000 \*: potential star gap--may or may not have been printed.  
1963A \$5 F 038 40001 \* - F 040 00000 \*: potential star gap--may or may not have been printed.  
1963A \$5 F 051 20001 \* - F 052 80000 \*: potential star gap--may or may not have been printed.  
1963A \$5 F 064 00001 \* - F 065 60000 \*: potential star gap--may or may not have been printed.  
1963A \$5 F 076 80001 \* - F 078 40000 \*: potential star gap--may or may not have been printed.  
1963A \$5 F 089 60001 \* - F 091 20000 \*: potential star gap--may or may not have been printed.  
1963A \$5 F 096 00001 \* - F 097 60000 \*: potential star gap--may or may not have been printed.  
1963A \$5 F 102 40001 \* - F 104 00000 \*: potential star gap--may or may not have been printed.  
1963A \$5 G 038 40001 \* - G 040 00000 \*: potential star gap--may or may not have been printed.  
1963A \$5 G 057 60001 \* - G 059 20000 \*: potential star gap--may or may not have been printed.  
1963A \$5 G 064 00001 \* - G 065 60000 \*: potential star gap--may or may not have been printed.  
1963A \$5 G 070 40001 \* - G 072 00000 \*: potential star gap--may or may not have been printed.  
1963A \$5 G 083 20001 \* - G 084 80000 \*: potential star gap--may or may not have been printed.  
1963A \$5 G 134 40001 \* - G 136 00000 \*: potential star gap--may or may not have been printed.  
1963A \$5 G 166 40001 \* - G 168 00000 \*: potential star gap--may or may not have been printed.  
1963A \$5 G 172 80001 \* - G 174 40000 \*: potential star gap--may or may not have been printed.

1963A \$5 G 179 20001 \* - G 180 80000 \*: potential star gap--may or may not have been printed.  
1963A \$5 K 012 80001 \* - K 019 20000 \*: not reported by BEP, but observed.  
1963A \$5 L 025 60001 \* - L 027 20000 \*: potential star gap--may or may not have been printed.  
1963A \$5 L 038 40001 \* - L 040 00000 \*: potential star gap--may or may not have been printed.  
1963A \$5 L 057 60001 \* - L 059 20000 \*: potential star gap--may or may not have been printed.  
1963A \$5 L 083 20001 \* - L 084 80000 \*: potential star gap--may or may not have been printed.  
1963A \$5 L 089 60001 \* - L 091 20000 \*: potential star gap--may or may not have been printed.  
1963A \$5 L 096 00001 \* - L 097 60000 \*: potential star gap--may or may not have been printed.  
1963A \$5 L 108 80001 \* - L 110 40000 \*: potential star gap--may or may not have been printed.  
1963A \$5 L 121 60001 \* - L 123 20000 \*: potential star gap--may or may not have been printed.  
1969 \$5 G 032 00001 \* - G 033 60000 \*: potential star gap--may or may not have been printed.  
1969 \$5 G 044 80001 \* - G 046 40000 \*: potential star gap--may or may not have been printed.  
1969C \$5 B 121 60001 \* - B 123 20000 \*: potential star gap--may or may not have been printed.  
1969C \$5 B 128 00001 \* - B 129 60000 \*: potential star gap--may or may not have been printed.  
1969C \$5 B 134 40001 \* - B 136 00000 \*: potential star gap--may or may not have been printed.  
1969C \$5 F 051 20001 \* - F 052 80000 \*: potential star gap--may or may not have been printed.  
1969C \$5 F 076 80001 \* - F 078 40000 \*: potential star gap--may or may not have been printed.  
1974 \$5 L 102 40001 \* - L 104 00000 \*: potential star gap--may or may not have been printed.  
1974 \$5 L 128 00001 \* - L 129 60000 \*: potential star gap--may or may not have been printed.  
1974 \$5 L 134 40001 \* - L 136 00000 \*: potential star gap--may or may not have been printed.  
1977 \$5 A 006 40001 \* - A 012 80000 \*: COPE/conventional status uncertain.  
1977 \$5 B 019 20001 \* - B 032 00000 \*: COPE/conventional status uncertain.  
1977 \$5 G 038 40001 \* - G 044 80000 \*: not reported by BEP, but observed.  
1977 \$5 L 012 80001 \* - L 019 20000 \*: COPE/conventional status uncertain.  
1977A \$5 G 038 40001 \* - G 044 80000 \*: reported by BEP, but observed notes are 1977.  
1985 \$5 C 032 00001 \* - C 064 00000 \*: not reported by BEP, but observed; at least 31,000 sheets printed.  
1999 \$5 BE 000 00001 \* - BE 000 35200 \*: reported by BEP, but no notes observed.  
1999 \$5 BE 064 00001 \* - BE 067 84000 \*: reported once by BEP; part of range apparently printed twice.  
1999 \$5 BE 096 00001 \* - BE 128 00000 \*: run apparently skipped--neither reported by BEP nor observed.  
1999 \$5 BF 000 00001 \* - BF 000 35200 \*: reported by BEP, but no notes observed.  
1999 \$5 BF 064 00001 \* - BF 096 00000 \*: run apparently skipped--neither reported by BEP nor observed.  
1999 \$5 BK 000 00001 \* - BK 032 00000 \*: reported by BEP, but no notes observed.

1963A \$10 A 019 20001 \* - A 020 80000 \*: potential star gap--may or may not have been printed.  
1963A \$10 A 051 20001 \* - A 052 80000 \*: potential star gap--may or may not have been printed.  
1963A \$10 B 051 20001 \* - B 052 80000 \*: potential star gap--may or may not have been printed.  
1963A \$10 B 070 40001 \* - B 072 00000 \*: potential star gap--may or may not have been printed.  
1963A \$10 B 096 00001 \* - B 097 60000 \*: potential star gap--may or may not have been printed.  
1963A \$10 B 102 40001 \* - B 104 00000 \*: potential star gap--may or may not have been printed.  
1963A \$10 E 019 20001 \* - E 020 80000 \*: potential star gap--may or may not have been printed.  
1963A \$10 E 044 80001 \* - E 046 40000 \*: potential star gap--may or may not have been printed.  
1963A \$10 G 025 60001 \* - G 027 20000 \*: potential star gap--may or may not have been printed.  
1963A \$10 G 064 00001 \* - G 065 60000 \*: potential star gap--may or may not have been printed.  
1963A \$10 G 070 40001 \* - G 072 00000 \*: potential star gap--may or may not have been printed.  
1963A \$10 G 089 60001 \* - G 091 20000 \*: potential star gap--may or may not have been printed.  
1963A \$10 G 102 40001 \* - G 104 00000 \*: potential star gap--may or may not have been printed.  
1963A \$10 G 108 80001 \* - G 110 40000 \*: potential star gap--may or may not have been printed.

1963A \$10 L 025 60001 \* - L 027 20000 \*: potential star gap--may or may not have been printed.  
1963A \$10 L 032 00001 \* - L 033 60000 \*: potential star gap--may or may not have been printed.  
1963A \$10 L 051 20001 \* - L 052 80000 \*: potential star gap--may or may not have been printed.  
1969 \$10 B 006 40001 \* - B 008 00000 \*: potential star gap--may or may not have been printed.  
1969 \$10 B 019 20001 \* - B 020 80000 \*: potential star gap--may or may not have been printed.  
1969 \$10 B 057 60001 \* - B 059 20000 \*: potential star gap--may or may not have been printed.  
1969 \$10 B 070 40001 \* - B 072 00000 \*: potential star gap--may or may not have been printed.  
1969 \$10 B 083 20001 \* - B 084 80000 \*: potential star gap--may or may not have been printed.  
1969A \$10 G 076 80001 \* - G 078 40000 \*: potential star gap--may or may not have been printed.  
1969A \$10 G 083 20001 \* - G 084 80000 \*: potential star gap--may or may not have been printed.  
1969C \$10 B 172 80001 \* - B 174 40000 \*: potential star gap--may or may not have been printed.  
1969C \$10 B 211 20001 \* - B 212 80000 \*: potential star gap--may or may not have been printed.  
1969C \$10 B 217 60001 \* - B 219 20000 \*: potential star gap--may or may not have been printed.  
1969C \$10 F 044 80001 \* - F 046 40000 \*: potential star gap--may or may not have been printed.  
1969C \$10 F 052 80001 \* - F 052 80000 \*: potential star gap--may or may not have been printed.  
1974 \$10 A 051 20001 \* - A 052 80000 \*: potential star gap--may or may not have been printed.  
1974 \$10 A 057 60001 \* - A 059 20000 \*: potential star gap--may or may not have been printed.  
1974 \$10 A 064 00001 \* - A 065 60000 \*: potential star gap--may or may not have been printed.  
1974 \$10 B 230 40001 \* - B 232 00000 \*: potential star gap--may or may not have been printed.  
1974 \$10 B 236 80001 \* - B 238 40000 \*: potential star gap--may or may not have been printed.  
1974 \$10 B 249 60001 \* - B 251 20000 \*: potential star gap--may or may not have been printed.  
1974 \$10 D 070 40001 \* - D 076 80000 \*: not reported by BEP, but observed.  
1974 \$10 E 057 60001 \* - E 059 20000 \*: potential star gap--may or may not have been printed.  
1974 \$10 E 070 40001 \* - E 076 80000 \*: not reported by BEP, but observed; at least 13,000 sheets printed.  
1974 \$10 E 076 80001 \* - E 078 40000 \*: potential star gap--may or may not have been printed.  
1977 \$10 E 019 20001 \* - E 025 60000 \*: BEP reported 8000 sheets, but is at least 9000.  
1977 \$10 I 000 00001 \* - I 006 40000 \*: COPE/conventional status uncertain.  
1981A \$10 F 032 00001 \* - F 064 00000 \*: not reported by BEP, but observed; at least 27,000 sheets printed.  
1985 \$10 A 000 00001 \* - A 032 00000 \*: not reported by BEP, but observed; at least 66,000 sheets printed.  
1988A \$10 A 032 00001 \* - A 064 00000 \*: BEP reported 2500 sheets, but is probably 80,000.  
1988A \$10 D 000 00001 \* - D 032 00000 \*: BEP reported 76,000 sheets, but is at least 77,000.  
1990 \$10 G 000 00001 \* - G 032 00000 \*: BEP reported full run, but the references say 80,000 sheets.  
1999 \$10 BE 000 00001 \* - BE 000 35200 \*: reported by BEP, but no notes observed.  
1999 \$10 BF 000 00001 \* - BF 000 35200 \*: reported by BEP, but no notes observed.  
1999 \$10 BK 096 00001 \* - BK 128 00000 \*: reported by BEP, but no notes observed.  
2001 \$10 CK 000 00001 \* - CK 032 00000 \*: reported by BEP, but no notes observed.  
2003 \$10 DK 000 00001 \* - DK 003 20000 \*: reported by BEP, but no notes observed.

1963 \$20 D 006 40001 \* - D 012 80000 \*: reported by BEP, but both 1963 and 1963A notes have been observed in this range.  
1963A \$20 D 006 40001 \* - D 012 80000 \*: not reported by BEP, but observed.  
1963A \$20 E 051 20001 \* - E 052 80000 \*: potential star gap--may or may not have been printed.  
1963A \$20 E 057 60001 \* - E 059 20000 \*: potential star gap--may or may not have been printed.  
1963A \$20 G 006 40001 \* - G 008 00000 \*: potential star gap--may or may not have been printed.  
1963A \$20 G 044 80001 \* - G 046 40000 \*: potential star gap--may or may not have been printed.  
1963A \$20 G 051 20001 \* - G 052 80000 \*: potential star gap--may or may not have been printed.  
1963A \$20 G 064 00001 \* - G 065 60000 \*: potential star gap--may or may not have been printed.  
1963A \$20 L 025 60001 \* - L 027 20000 \*: potential star gap--may or may not have been printed.

1963A \$20 L 057 60001 \* - L 052 80000 \*: potential star gap--may or may not have been printed.  
1963A \$20 L 064 00001 \* - L 065 60000 \*: potential star gap--may or may not have been printed.  
1963A \$20 L 070 40001 \* - L 072 00000 \*: potential star gap--may or may not have been printed.  
1969 \$20 B 012 80001 \* - B 014 40000 \*: potential star gap--may or may not have been printed.  
1969 \$20 B 025 60001 \* - B 027 20000 \*: potential star gap--may or may not have been printed.  
1969 \$20 B 032 00001 \* - B 033 60000 \*: potential star gap--may or may not have been printed.  
1969A \$20 E 025 60001 \* - E 027 20000 \*: potential star gap--may or may not have been printed.  
1969A \$20 E 032 00001 \* - E 033 60000 \*: potential star gap--may or may not have been printed.  
1969A \$20 E 038 40001 \* - E 040 00000 \*: potential star gap--may or may not have been printed.  
1974 \$20 F 025 60001 \* - F 032 00000 \*: probably skipped in the 1969C confusion--neither reported nor observed.  
1985 \$20 E 000 00001 \* - E 032 00000 \*: BEP reported 8000 sheets, but is at least 36,000.  
1985 \$20 G 000 00001 \* - G 032 00000 \*: not reported by BEP, but observed; at least 74,000 sheets printed.  
1988A \$20 B 032 00001 \* - B 064 00000 \*: BEP reported 3200 sheets, but is at least 97,000.  
1990 \$20 G 000 00001 \* - G 032 00000 \*: BEP reported full run, but the references say 80,000 sheets.

1977 \$50 G 121 60001 \* - G 128 00000 \*: not reported by BEP, but observed; at least 8000 sheets printed.  
1977 \$50 G 128 00001 \* - G 134 40000 \*: not reported by BEP, but observed; at least 6000 sheets printed.  
1981 \$50 F 000 00001 \* - F 006 40000 \*: run apparently skipped--neither reported by BEP nor observed.  
1981 \$50 J 006 40001 \* - J 012 80000 \*: not reported by BEP, but observed; at least 13,000 sheets printed.  
1981 \$50 J 012 80001 \* - J 019 20000 \*: not reported by BEP, but observed; at least 4000 sheets printed.  
1996 \$50 AB 000 00001 \* - AB 032 00000 \*: run apparently skipped--neither reported by BEP nor observed.

1981A \$100 L 000 00001 \* - L 032 00000 \*: not reported by BEP, but observed; at least 20,000 sheets printed.