The monetary base — a statistical note

This note describes possible components of the monetary base and provides statistics back to 1919.

Although 'monetary base' is a term in common use in discussions on monetary control, there is in fact no universally accepted definition of it. Nevertheless, in general terms the monetary base comprises some or all of the liabilities of the monetary authorities. These are primarily the liabilities of the Bank of England (the remainder being coin issued by the Royal Mint),⁽¹⁾ and statistics are available over a long period. The purpose of this note is to describe these statistics, including something of their history, and to provide tables containing monthly information from 1961 to date, and annual averages back to 1919. Most of the note is related to the Bank Return, a summary balance sheet of the Bank of England, which has been published weekly since 1844.

Notes and coin

The Bank Charter Act of 1844 gave a note-issuing monopoly in England and Wales to the Bank of England, subject to certain qualifications.⁽²⁾ The Act also separated the note-issuing function of the Bank from its other business, and this separation is still reflected in the Bank Return, which is divided into the Issue and Banking Departments. At present, the issue of notes by the Bank is governed by the Currency and Bank Notes Act of 1954. Under this Act, temporary changes in the amount issued can be authorised by the Treasury, while permanent changes are formally subject to a degree of Parliamentary control.

Certain Scottish and Northern Ireland banks also retain a right to issue notes. They have their own small fiduciary issues, which in the case of the Scottish banks have remained unaltered since 1845; the last major revision to the Northern Ireland banks' fiduciary issues took effect in 1929 when the note issues of banks in Northern Ireland and the newly-formed Irish Free State were separated. These Scottish and Northern Ireland banks also make use of the facility to issue notes beyond their fiduciary issues, such notes being backed by holdings of Bank of England notes. The fiduciary issues of the Scottish and Northern Ireland banks are minor exceptions to the general rule that the cash base consists only of liabilities of the monetary authorities.

Coin is issued by the Royal Mint, which is a Government Trading Fund. Coin is not a liability of the Bank, and does not therefore appear as a liability in the Bank Return. The Bank buys any coin it needs at its face value. Once in circulation, however, notes and coin are interchangeable, and are generally not distinguished separately in the statistics, but, at £688 million,⁽³⁾ coin represents only a small fraction of the total of notes and coin outstanding.

In Tables A and B, the total of notes and coin issued is divided into that part held by banks in the form of till money and the remainder, which constitutes the public's holdings. It should be noted that only the fiduciary issues of the Scottish and Northern Ireland banks, and not their gross issues, have been included in the total. To include the gross issues would involve double counting, since Bank of England notes issued include those used as backing for issues by other banks in excess of their fiduciary issues. Till money is likewise calculated net of notes held as backing for excess issues by the Scottish and Northern Ireland banks.

Deposits with the Banking Department

The main customers of the Bank are the Government and government departments (whose accounts constitute 'public deposits' in the Bank Return), banks, discount houses, and overseas central banks which hold working balances in sterling. There are also staff accounts and a small number of accounts for other private and public sector customers. Virtually all these deposits are held in sterling.⁽⁴⁾

Two types of deposits from banks are shown in the Bank Return-Bankers deposits and, since 1960, Special deposits.⁽⁵⁾ Bankers deposits have been held predominantly by the clearing banks, though the conditions under which these balances have been held have varied somewhat over time. During the inter-war period, the London clearing banks by convention maintained a cash ratio (i.e. a ratio of till money plus balances at the Bank of England to total deposits) which in aggregate was roughly stable at about 10%, but varied from bank to bank. After the war, the London clearing banks maintained a cash ratio on a daily basis of at least 8% as part of the structure of credit control then agreed with the authorities. With the introduction of Competition and Credit Control in 1971, a minimum reserve asset ratio of $12\frac{1}{2}\%$ against eligible liabilities was introduced for all banks, and balances at the Bank of England qualified as reserve assets. Under these new arrangements, the London clearing banks ceased to

⁽¹⁾ In addition, from 1914 to 1928 currency notes were issued on the authority of the Treasury.

⁽²⁾ See 'Bank of England notes' in the September 1978 Bulletin, page 359.

⁽³⁾ This is the amount of coin outstanding in February 1981.

⁽⁴⁾ However, the Return for Wednesday, 21 January 1981, and subsequent Wednesdays, includes sizable liabilities and assets denominated in foreign currency held in connexion with arrangements entered into on 20 January 1981 between the Banque Centrale d'Algerie, the Federal Reserve Bank of New York, and the Bank of England. These deposits are temporary and cannot be considered as forming part of the cash base of the UK banking system.

⁽⁵⁾ On several occasions between 1974 and 1980 this item also included supplementary special deposits.

maintain their 8% cash ratio but agreed to hold $1\frac{1}{2}$ % of their eligible liabilities in the form of non-interest-bearing balances with the Bank, this ratio being a norm maintained as a daily average rather than a minimum requirement. Other banks generally use their accounts with the clearing banks to settle inter-bank claims and to satisfy their own cash requirements; many of them do not hold deposits with the Bank of England.

The level of bankers deposits therefore to some extent reflects the differing institutional arrangements that have prevailed over the years, and also the decisions by individual banks whether or not to become customers of the Bank. The series shows some inherent volatility, particularly in later years, because it is partly determined as the residual of the daily clearing process between the Bank and the rest of the banking sector. Another source of volatility is seasonal factors; the statistics in Table B are not seasonally adjusted, although certain items, particularly the first two columns, do display seasonal variation, and in due course seasonally-adjusted series will also be published. For all these reasons, bankers deposits do not necessarily provide a good guide to the level or stability that such balances might display under a different regime, for example, one that left banks entirely free to choose the amount they hold or one that required all banks to hold a certain level of bankers deposits.

Special deposits have been called from time to time, initially from the clearing banks, but more recently from all banks within the scope of the credit control arrangements. When calls have been made, they have been, since 1971, for a certain proportion of each bank's eligible liabilities, and interest has normally been paid on the deposits at a rate related to the Treasury bill rate. Supplementary special deposits, on the other hand, were non-interest-bearing. They were mainly used to restrict the growth of the banking system by penalising those banks which exceeded the permitted growth of interest-bearing eligible liabilities. Funds placed with the Bank as special or supplementary special deposits cannot be used for ordinary transactions purposes.

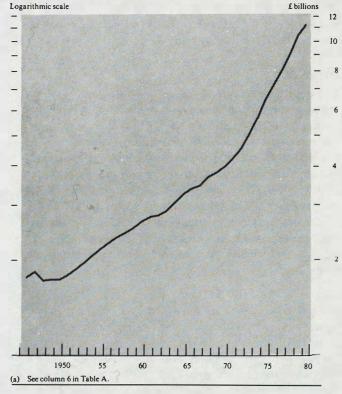
In the tables, the series for *Bankers deposits* and *Special deposits* have been shown separately. As noted earlier, other deposit liabilities of the Banking Department include deposits of the Government, other public sector bodies, overseas central banks, etc. The series *Other liabilities* in the tables includes the capital, reserves and other internal accounts of the Bank, but these items are generally fairly stable over time.

Definitions of the monetary base

Since there is no universally accepted definition of the monetary base, it seems more useful for the purpose of this note to indicate some of the possible alternatives rather than to focus exclusively on a single definition. Of the possible components, banks' till money (or vault cash) would be widely regarded as an essential element, for this provides the means of ensuring the immediate convertibility of deposits. However, few would deny that bankers deposits, which can readily be converted into till money, should also be included in the base. A somewhat broader definition would include, in addition, notes and coin in circulation with the public. By extending the definition in this way, the base ceases to be affected by deposits and withdrawals of cash by the public during the normal course of business. The resulting aggregate, although very much larger, is also somewhat less volatile.

A definition of the base comprising these three items would probably obtain a wide measure of agreement, and the chart and the sub-total in column 6 of the accompanying tables show how such a measure has behaved since the war.

A wide definition of the monetary base (notes and coin in circulation with the public, banks' till money, and bankers deposits with the Bank of England)^(a)



The broadest definitions of the base would also include other deposit liabilities of the central bank. Any change in the total of these other deposit liabilities will, in the absence of counterbalancing operations by the Bank, be reflected in an equal and opposite change in bankers deposits.⁽¹⁾ Thus the same justification that can be advanced for including notes and coin in circulation with the public in the definition can also be applied to other deposits with the Bank. But there are other considerations which make the argument in this case less clear cut. Special deposits are clearly not liquid in the normal sense—indeed deliberately so, as the purpose of calling special deposits is actually to withdraw liquidity from the banking system. (But by the

This does not apply to the large but temporary deposits in foreign currencies described in footnote (4) on page 59. These could not be considered as forming part of any definition of the monetary base.

same token it could be argued that, so long as a minimum average level of bankers deposits is fixed under the credit control arrangements in operation, these are not freely disposable either.) Furthermore, even though changes in deposits of overseas central banks may affect bankers deposits, the implications of such changes for UK economic and monetary conditions are likely to be less important and less direct than are those of the corresponding changes in bankers deposits. These other deposit liabilities would therefore not form part of any narrow definition of the monetary base and even their inclusion in a wide definition is questionable.

Table A

Liabilities of the monetary authorities, 1919-1980: annual averages £ millions

(a) There were no special deposits before 1960. On several occasions between 1974 and 1980 this item also included supplementary special deposits.
 Breaks in series—see notes to the tables for details.

Table B

Liabilities of the monetary authorities, 1961-1981: monthly

£ millions; not seasonally adjusted

		Notes and coin in circulation outside the Bank of England			Liabilities of the Banking Department			Sub- total of columns			Notes and circulation Bank of E	outside the	Liabilities of the Banking Department			Sub- total of columns
		wit	culation th the blic	Held by banks (till money)	Bankers deposits		Other liabilities	1-3			In circulation with the public	Held by banks (till money)	Bankers deposits		Other liabilities	1-3
			1	2	3	4	5	б			.1	2	3	4	5	6
1961	Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.	15 15 19 17 21 19 16 20 18 15	2,029 2,050 2,071 2,088 2,118 2,135 2,170 2,170 2,128 2,126 2,139 2,208	384 353 360 382 373 378 397 408 382 385 384 438	248 276 272 243 254 266 255 244 251 263 253 253 223	156 155 151 150 153 154 155 195 233 230 233 234	98 100 96 99 113 108 110 100 101 104 101 101	2,661 2,679 2,703 2,713 2,745 2,779 2,822 2,822 2,822 2,822 2,761 2,774 2,776 2,869	1967	Jan. 1 Feb. 1 Mar. 1 Apr. 1 May 1 June 2 July 1 Aug. 1 Sept. 2 Oct. 1 Nov. 1 Dec. 1	5 2,555 5 2,589 9 2,599 7 2,609 1 2,627 9 2,681 6 2,663 0 2,644 8 2,650 5 2,667	557 531 533 547 562 581 578 558 547 569 614	262 282 285 275 299 271 284 262 304 324 310 259	200 201 197 201 202 204 208 208 208 208 208 212 213	147 149 145 142 137 137 139 145 146 143 149 148	3,355 3,368 3,407 3,421 3,457 3,460 3,546 3,503 3,506 3,521 3,546 3,648
1962	Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.	21 21 18 16 20 18 15 19 17 21	2,120 2,124 2,128 2,177 2,116 2,111 2,144 2,145 2,103 2,101 2,111 2,183	411 380 381 372 404 422 421 431 408 403 416 453	243 250 263 279 232 242 241 242 250 279 253 226	237 241 232 232 233 157 158 160 159 79 81 40	104 106 105 103 102 105 103 103 108 101 106 101	2,774 2,754 2,772 2,828 2,752 2,775 2,806 2,818 2,761 2,783 2,780 2,862	1968	Jan. 1 Feb. 2 Mar. 2 Apr. 1 May 1 June 1 July 1 Aug. 2 Sept. 1 Oct. 1 Nov. 2 Dec. 1	1 2,694 0 2,722 7 2,763 5 2,744 9 2,765 7 2,819 1 2,788 8 2,780 6 2,777 0 2,791	566 548 551 601 554 585 602 601 598 573 602 646	339 308 312 278 300 332 307 314 312 352 346 278	216 218 214 217 219 216 217 221 222 220 223 226	150 165 160 161 165 159 177 169 171 163 167 167	3,582 3,550 3,585 3,642 3,598 3,682 3,728 3,703 3,690 3,702 3,739 3,802
1963		20 20 17 15 19 17 21 18 21 18 20	2,099 2,113 2,124 2,163 2,153 2,161 2,227 2,202 2,185 2,182 2,182 2,192 2,263	425 392 400 424 425 437 435 449 430 432 449 503	253 265 258 252 236 241 256 240 243 280 253 229		104 109 111 103 100 104 103 105 110 101 100 105	2,777 2,770 2,782 2,839 2,814 2,839 2,918 2,891 2,858 2,894 2,894 2,894 2,995	1969	Jan. 1 Feb. 1 Mar. 1 Apr. 1 May 2 June 1 July 1 Aug. 2 Sept. 1 Oct. 1 Nov. 1 Dec. 1	9 2,815 9 2,842 6 2,859 1 2,872 8 2,865 6 2,933 0 2,887 7 2,868 5 2,863 9 2,888	626 568 582 638 607 631 636 670 640 685 667 727	267 308 343 350 297 305 338 252 268 241 265 221	227 231 227 225 227 221 222 226 223 221 222 224	175 181 177 177 178 178 178 178 184 181 173 169	3,679 3,691 3,767 3,847 3,801 3,907 3,809 3,776 3,776 3,789 3,820 3,929
1964	Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.	19 18 15 20 17 15 19 16 21 18	2,174 2,195 2,238 2,256 2,283 2,342 2,321 2,304 2,299 2,315 2,412	474 437 446 477 476 476 497 514 486 483 495 557	247 255 264 236 242 254 258 230 266 274 251 256		102 103 102 106 112 120 119 112 113 113 112 108	2,895 2,887 2,948 2,969 3,001 3,019 3,097 3,065 3,056 3,056 3,056 3,061 3,225	1970	Jan. 2 Feb. 1 Mar. 1 Apr. 1 May 2 June 1 July 1 Aug. 1 Sept. 1 Oct. 2 Nov. 1 Dec.	8 2,931 8 2,974 5 2,998 0 3,032 7 3,048 5 3,153 9 3,130 6 3,130 1 3,126 8 3,151	676 637 648 677 659 679 700 727 696 695 688 707	199 248 203 164 162 171 223 177 178 184 224 167	226 220 215 206 260 262 261 270 270 270 272 386 388	169 168 163 159 161 152 166 155 218 246 220 189	3,769 3,816 3,825 3,839 3,853 3,898 4,076 4,034 4,004 4,004 4,005 4,063 4,111
1965	Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.	17 17 21 19 16 21 18 15 20 17	2,290 2,337 2,371 2,419 2,403 2,432 2,432 2,453 2,453 2,444 2,442 2,442 2,462 2,557	504 475 473 510 489 523 530 528 522 515 521 589	239 264 294 292 272 278 258 263 263 264 276 247		123 117 117 121 117 116 118 118 123 128 128 123	3,033 3,076 3,138 3,221 3,164 3,233 3,287 3,244 3,244 3,248 3,244 3,221 3,259 3,393	1971	Jan. 2 Feb. 1 Mar. 1 Apr. 2 May 1 June 1 July 2 Aug. 1 Sept. 1 Oct. 2 Nov. 1 Dec.	7 3,285 7 3,328 1 3,283 9 3,283 6 3,321 1 3,414 8 3,354 5 3,343 0 3,352 7 3,378	650 766 725 762 690 724 731 734 682 660 667 665	229 314 316 236 233 211 223 171 204 220 231 182	391 398 398 408 404 404 402 413 	222 256 291 275 285 298 313 300 343 360 368 358	4,054 4,365 4,369 4,281 4,206 4,256 4,368 4,259 4,229 4,229 4,229 4,232 4,276 4,317
1966	Jan. Feb. Mar. Apr. May July Aug. Sept. Oct. Nov. Dec.	16 16 20 18 15 20 17 21 19 16	2,447 2,481 2,508 2,547 2,553 2,589 2,656 2,611 2,565 2,575 2,575 2,656	536 523 511 551 533 555 565 565 565 562 545 551 543 605	266 275 283 287 260 258 246 282 274 255 283 247	98 98 97 97 99 98 147 199 198 199 198 198	126 122 129 138 139 142 141 141 150 148 144 139	3,249 3,279 3,302 3,385 3,346 3,402 3,467 3,455 3,390 3,371 3,401 3,508	1972	Jan. 1 Feb. 1 Mar. 1 Apr. 1 May 1 June 2 July 1 Aug. 1 Sept. 2 Oct. 1 Nov. 1 Dec. 1	6 3,427 5 3,474 9 3,513 7 3,588 1 3,636 9 3,747 6 3,718 0 3,716 8 3,739 5 3,793	650 584 592 662 648 638 693 685 639 655 658 736	169 178 191 210 217 256 199 204 189 253 218 224	 119	370 364 398 390 433 401 394 318 325 318 325 318 337 287	4,189 4,257 4,385 4,453 4,530 4,639 4,607 4,544 4,647 4,669 4,966

(a) On several occasions between 1974 and 1980 this item also included supplementary special deposits.

Table B

Liabilities of the monetary authorities, 1961-1981: monthly continued

£ millions; not seasonally adjusted

		(Notes and circulation Bank of Er	outside the	Liabilities of the Banking Department			Sub- total of columns				Notes and circulation Bank of Er	outside the	Liabilities of the Banking Department			Sub- total of columns
		(In circulation with the public	Held by banks (till money)		Special deposits (a)	Other liabilities	1–3			1	In circulation with the public	Held by banks (till money)	Bankers deposits		Other liabilities	1-3
			1	2	3	4	5	6	13			1	2	3	4	5	6
1973	Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.	21 18 16 20 18 15 19 17 21	3,851 3,899 3,948 4,093 4,039 4,089 4,229 4,182 4,091 4,109 4,189 4,369	676 635 644 624 682 685 749 734 735 713 755 806	196 230 202 268 264 268 282 248 247 274 274 272 195	692 714 728 737 747 754 772 1,073 1,098 1,120 1,151 1,439	335 339 376 378 377 384 408 378 337 348 366 349	4,723 4,764 4,794 4,985 5,042 5,260 5,164 5,073 5,096 5,216 5,216 5,370	1978	Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.	15 15 19 17 21 19 16 20 18 15	7,266 7,417 7,559 7,590 7,743 7,862 8,232 8,173 8,200 8,229 8,308 8,731	796 754 778 855 827 835 992 887 822 817 852 967	376 386 267 358 355 399 616 402 369 302 417 423	1,204 1,229 1,246 1,256 1,294 656 872 235 641 1,062 1,105 1,099	718 715 739 780 705 619 653 706 765 682 693 728	8,438 8,557 8,604 8,803 8,925 9,096 9,840 9,462 9,391 9,348 9,577 10,121
1974	Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.	20 20 17 15 19 17 21 18 16 20	4,254 4,272 4,327 4,443 4,433 4,499 4,653 4,718 4,739 4,773 4,915 5,068	771 670 692 801 711 753 788 787 775 762 780 872	245 266 290 239 253 236 229 238 290 233 287 300	1,501 1,368 1,351 1,051 893 884 902 922 922 922 917 929 928	325 355 366 333 399 346 324 418 462 428 367 367	5,270 5,208 5,309 5,483 5,397 5,488 5,670 5,743 5,804 5,768 5,768 5,768 5,982 6,240	1979	Jan. Feb. Mar. Apr. May July Aug. Sept. Oct. Nov. Dec.	21 21 18 16 20 18 15 19 17 21	8,427 8,632 8,725 8,897 8,880 9,260 9,180 9,180 9,180 9,156 9,309 9,344 9,714	881 794 817 1,025 879 917 1,006 924 865 924 942 996	405 404 426 355 559 477 455 487 497 409 589 462	1,113 255 2 1 719 741 92 520 772 779 805 805	711 684 622 659 641 657 608 682 720 713 717 732	9,713 9,830 9,968 10,277 10,318 10,240 10,721 10,591 10,518 10,642 10,875 11,172
1975	Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.	19 19 16 21 18 16 20 17 15 19	4,918 4,991 5,089 5,152 5,289 5,305 5,502 5,532 5,501 5,516 5,573 5,730	814 737 754 799 795 797 818 805 786 764 763 862	210 275 359 269 314 297 250 228 304 245 294 322	934 935 943 949 957 966 960 985 980 978 989 989	587 409 511 462 438 471 455 423 443 417 372 455	5,942 6,003 6,202 6,220 6,398 6,399 6,570 6,565 6,591 6,525 6,630 6,630 6,914	1980	Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.	20 19 16 21 18 16 20 17 15 19	9,359 9,407 9,498 9,603 9,740 9,739 9,995 9,964 9,882 9,864 9,852 10,255	906 882 868 1,026 978 889 984 974 926 934 935 1,043	622 579 378 395 462 473 361 679 676 502 581 487	28 104 132 216 219 242 456 — — — —	727 708 743 670 730 659 645 692 685 727 751 675	10,887 10,868 10,744 11,024 11,180 11,101 11,340 11,617 11,484 11,300 11,368 11,785
1976	Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.	18 17 21 19 16 21 18 15 20 17	5,599 5,714 5,809 5,965 5,960 6,072 6,333 6,323 6,319 6,305 6,345 6,531	756 725 737 854 760 768 841 813 785 774 780 814	304 269 265 262 293 378 313 304 272 385 325 326	652 980 983 981 1,005 1,000 1,008 1,037 1,043 1,411 1,806 1,806	391 428 464 400 643 519 488 495 556 457 478 516	6,659 6,708 6,811 7,081 7,218 7,218 7,487 7,440 7,376 7,464 7,450 7,671	1981	Jan. Feb.		9,871 9,943	909 914	415 602	Ξ	2,096(b) 1,334(b)	11,195 11,459
1977	Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.	16 16 20 18 15 20 17 21 19 16	6,377 6,428 6,505 6,596 6,658 6,792 7,011 6,986 6,995 6,991 7,058 7,581	785 755 741 836 760 867 895 822 774 773 786 952	386 273 317 342 327 310 390 287 335 371 292 428	1,091 712 1,027 1,030 1,057 1,055 1,069 1,092 1,110 1,144 1,171 1,185	459 472 544 524 492 594 576 594 608 598 647 623	7,548 7,456 7,563 7,774 7,745 7,969 8,296 8,095 8,104 8,135 8,136 8,961				, c ,					

(a) On several occasions between 1974 and 1980 this item also included supplementary special deposits.
(b) See footnote (4) on page 59.

Notes to the tables

The main source for the tables is the Bank Return, which is published weekly by the Bank of England; all monthly figures in Table B from the Bank Return relate to close of business on the third Wednesday of each month.⁽¹⁾ Bankers deposits, Special deposits, and Other liabilities of the Banking Department have been taken directly from this source, as have the figures for Bank of England notes in circulation, which are the largest component of the first two columns in the tables. The notes to Table 1 in the statistical annex describe in more detail the coverage of items in the Bank Return.

Monthly estimates of coin outstanding, net of an allowance for wastage, have been obtained from the Royal Mint and have been adjusted to exclude holdings by the Issue Department (none since 1972) and the Banking Department. The total of notes and coin in circulation also includes the fiduciary issues of the Scottish and Northern Ireland banks.

The breakdown of notes and coin in circulation between banks' till money and the residual in circulation with the public is not fully consistent with other statistics throughout the period covered by the tables as the arrangements for statistical reporting and publication of figures by the banks have varied over the years. One of the major features of the statistical reporting system introduced in May 1975⁽²⁾ was that all banks within the credit control arrangements made returns on the third Wednesday of each month.⁽¹⁾ Thus, since May 1975, the figures in Table B are fully consistent and relate to these mid-month dates. Between May 1971 and May 1975 the coverage of the banks' till money is almost identical with the coverage after May 1975, although some of the returns are not on a consistent mid-month basis. The till money holdings of the National Girobank are included from May 1971, although the National Girobank was not brought within the credit control arrangements until October 1978. From January 1961 to May 1971 the till money figures are based primarily on the mid-month returns of the London and Scottish clearing banks,⁽³⁾ which together accounted for a very high percentage of total till money holdings. Figures for Northern Ireland banks have been taken from their monthly returns, which were not on a consistent mid-month basis, and figures for other banks have been estimated, but they were very small.

From 1961 to date, Table A has been compiled as annual averages of the monthly series in Table B. Before 1961 Table A relates to annual averages of weekly figures and the till money component is not on uniform reporting days throughout. The coverage of the till money figures is confined to the London clearing banks, the Scottish banks and the Northern Ireland banks (Irish banks before 1929). The total of notes and coin in circulation between 1919 and 1928 includes currency notes issued by the Treasury (these were first issued in 1914), but coin and Bank of England notes set aside as cover for these Treasury notes in the Currency Note Redemption Account have been excluded. These figures were published in the *London Gazette*. The very small amounts (less than £200,000) of country bank notes that were circulating up to 1921 have been ignored.

It would be difficult to extend the till money series back before 1919 because the banks did not generally distinguish in their published statements between their holdings of Bank of England and Treasury notes, and their deposits with the Bank of England.⁽⁴⁾ The break shown between 1928 and 1929, mainly affecting the series for notes and coin in circulation with the public, arises from a change in geographical coverage following the issue of notes by banks in the newly-formed Irish Free State.

- (1) Second Wednesday in December, except in 1964 and 1965.
- For further details, see 'New banking statistics' in the June 1975 Bulletin, page 162.
 These returns were made on the same timing pattern as post-May 1975 returns, except that the returns in December 1964 and 1965 were on the third Wednesday of the month, not the second Wednesday.
- (4) See Report of the Committee on Finance and Industry (HM Stationery Office, Cmnd. 3897, 1931) paragraph 367.