7 FSA015 – Sectoral information, including arrears and impairment

This data item provides the PRAPRA with information on the credit quality of a *firm's* portfolio, enabling the PRA to assess potential threats to the firm's viability. It also provides information to be used at a macro level to monitor changes in the economic climate. This *data item* relates only to credit risk.

Completion of this data item is acceptable on a best endeavours basis. Allocation between sectors is adequate at portfolio level; accuracy to individual account level is not required.

Valuation

For the general policy on valuation, please see the relevant provisions in the EU CRR.

Currency

You should report in the currency of your annual audited accounts i.e. in either Sterling, Euro, US dollars, Canadian dollars, Swedish Kroner, Swiss Francs or Yen. Figures should be reported in 000s.

Data elements

These are referred to by row first, then by column, so data element 2B will be the element numbered 2 in column B.

Definitions

Coverage

Only assets held in the banking book at amortised cost, including overdrafts, should be included in FSA015. Derivatives, trading book exposures and intragroup exposures should be excluded. In addition, as FSA015 relates mainly to loans and similar financial assets, other asset types likely to be excluded are those covered by FSA001, *data elements* 11-19, e.g. intangible assets, fixed assets and prepayments. Also, in general we would not expect trade debtors to be included unless the debts are treated as loans or advances in the statutory annual accounts.

All relevant assets should be included in columns A and H, even where the accounts have no associated arrears or impairments.

Column A: "All balances (customer) outstanding at period end"

This is the amount of total debt owed by the customer at the reporting date, and should comprise the total amount outstanding (after deducting any write-offs but without deduction for any provisions or impairments) in respect of:

- (i) the principal of the debt (including any further advances made):
- (ii) interest due on the debt (but only up to the reporting date), including any interest suspended; do not include interest accrued but not yet payable unless it would not be reasonably practicable for the *firm* to separately identify and exclude such accrued interest; and
- (iii) any other sum which the borrower is obliged to pay the *firm* and which is due from the borrower, e.g. fees, fines, administration charges, default interest and insurance premiums.

In the case of (ii) above, where a *firm* at first includes accrued interest as it is not reasonably practicable not to do so but subsequently is able to do so, the PRA would expect to be notified of this change of approach under *Principle* 11 (Relation with regulators).

The information in respect of balances to be reported in this column should not be fair-valued but should report the contractual position (i.e. between the lender and borrower).

The treatment of loan assets that are being operated as part of a current account offset mortgage product (or similar products where *deposit* funding is offset against loan balances in arriving at a net interest cost on the account) will depend on the conditions pertaining to the product. The balance outstanding on such loans will need to be reported on the basis of the contractually defined balance according to the terms of the product. This might be the amount of loan excluding any offsetting funds, or it might be the net amount, depending upon the terms of the offset arrangement.

The appropriate rows of column A should be completed for all the categories to which the *firm* has an exposure even if there are no associated arrears.

It is not expected that these figures in this column will necessarily reconcile to any of the *firm*'s published statutory data or on other *data items*, as the valuation basis is likely to differ.

Columns B-G, rows 1-11: "Balances of accounts in arrears /default by band"

The balance of the account in arrears should be reported within these columns, rather than the amount of the arrears. This should be reported after deducting write-offs but before deducting provisions.

Columns B to F are headed with the following:

Column B: 1.5 < 2.5%

Column C: 2.5 < 5%

Column D: 5.0 < 7.5%

Column E: 7.5 < 10%

Column F: >=10%

"<" means less than, ">" means greater than and ">=" means an amount greater than or equal to.

For example where accounts are 2.5% in arrears this will go into column C which is headed for amounts from 2.5% to less than 5%.

The analysis is based on expressing the amount of arrears and/or the amount past due on each loan as a percentage of the balance outstanding on the loan (calculated in the same way as for column A) and then reporting the total balance of the account in the relevant arrears band. In cases where there is more than one loan to a debtor (or debtors) secured on a single property, these should be amalgamated, where possible, in reporting with balances allocated to the row representing the predominant part of the debt outstanding.

Arrears and amounts past due will arise through the borrower failing to service any element of his debt obligation to the *firm*, including capital, interest, or fees, fines, administrative charges, default interest or insurance premiums.

At the reporting date, for loan accounts the amount in arrears or past due is the difference between:

- (i) the accumulated total amounts of (monthly or other periodic) payments due to be received from the borrower; and
- (ii) the accumulated total amount of payments actually made by the borrower.

Only amounts which are contractually due at the reporting date should be included in the above. That is:

- (i) include interest and amounts due for payments only up to the reporting date but not beyond, do not include interest accrued but not yet payable (unless this would not be reasonably practicable, see under Column A, paragraph (ii) above);
- (ii) only include a proportion of any annual insurance premium if the firm permits such amounts to be paid in periodic instalments. However if the terms of the loan or the lender's practice are such as to permit insurance premiums to be added to the loan principal then do not treat such amounts as contractually due;
- (iii) similarly, where 'any other sum' has been added to the loan, only include such proportions as are contractually due (e.g. if it is the practice in particular circumstances to add the sum/charge to the loan and require repayment over the residual term of the loan);
- (iv) in assessing 'payments due' when a borrower has a flexible loan, it is important to apply the contractual terms of the loan: for example, payment holidays which satisfy the terms of the loan should not be treated as giving rise to an arrears position;
- (v) do not however include 'Deeds Store' loans in the arrears figures (that is, loans where the debt is de minimis e.g. £100, but the borrower still has insurance premiums to pay and perhaps some instalments are overdue).

In the case of annual review schemes the 'payment due to be received' is that calculated under the scheme. This may well differ from the amount charged to the account but should not of itself give rise to any arrears, providing the borrower is making the level of payments advised by the *firm*. The same principles apply to deferred interest products – if the borrower is making the payments that are required under the loan arrangements then he is not in arrears, even though the debt outstanding is increasing.

Where a firm makes a temporary 'concession' to a borrower (i.e., an agreement with the borrower whereby monthly payments are either suspended or less than they would be on a fully commercial basis) for a period, the amounts included are those contractually due (and at commercial rates of interest). Hence the borrower will continue to be in arrears and the level of arrears will in fact continue to increase until such time as he is able fully to service the debt outstanding.

Where the terms of the loan do not require payment of interest (or capital) until a stated date or until redemption or until certain conditions are triggered, as for example in the case of certain building finance loans, then the loan is not in arrears until such time as contractual repayments are overdue.

The decision to 'capitalise' arrears (or treat as if capitalised) is a business decision between the *firm* and the borrower. By 'capitalisation' we mean a formal arrangement agreed with the borrower to add all or part of a borrower's arrears to the amount of outstanding principal (i.e. advance of principal including further advances less capital repayments received during the period of the loan) and then treating that amount of overall debt as the enlarged principal. This enlarged principal is then used as the basis for calculating future monthly payments over the remaining term of the loan. Where less than the full amount of arrears is capitalised (or indeed where none of the arrears is capitalised) then, providing there are arrangements made for the borrower to repay the non-capitalised arrears over a shorter period ranging for example from 3 to 18 months, this type of arrangement should also be regarded as an equivalent of 'capitalisation'.

For the purposes of consistency in reporting arrears cases the following reporting criteria should be used where a *firm* has capitalised the loan (or treated as if capitalised) and reset the monthly payment:

(i) such an arrears case should continue to be included as an arrears case until the loan has been 'fully performing' (see (ii) below) for a period of six consecutive months (any temporary increase in arrears during this qualifying period has the effect of requiring six consecutive months of full performance after such an event). Until that time the balance of the loan should be included in the table and be allocated to the arrears band applicable at each reporting date as if 'capitalisation' had not taken place;

(ii) for these purposes a loan is considered to be 'fully performing' only where the borrower has been meeting all obligations on the loan with regard to repayments of principal, interest (at a normal mortgage rate on the full balance outstanding, including as appropriate any relevant past arrears), any payment towards clearing past arrears as agreed with the *firm* and any default payments due levied in respect of previous missed repayments. That is, amounts may be either added to the principal of the loan or otherwise repaid over a shorter period than the residual term of the mortgage, as agreed between firm and borrower. But then this revised payment schedule should be fully maintained for a six month period before the arrears can qualify to be treated as capitalised for reporting purposes and hence removed from the arrears cases in this table.

In some cases there may be loans where the security has been taken and is in the process of being realised (a 'property in possession'). While this is happening it is likely the underlying loan continues to exist and may be accruing arrears. Therefore the loan balance should still be included within the relevant arrears band in columns B-F.

Where a 'capitalisation' case becomes fully performing but later the borrower defaults again, this subsequent default should be regarded as a new default and the amount of arrears should be the amount arising from this new default. That is, the previously capitalised arrears should not be reinstated as current arrears.

For **overdrafts**, the amount to be treated as in arrears or past due is:

- (i) any amount borrowed and/or outstanding in excess of the overdraft limit for that account (whether explicitly agreed with the borrower or otherwise);
- (ii) the whole amount of any balance outstanding (regardless of whether within the overdraft limit or not) where no credit has been received into the account in the previous 90 days; and
- (iii) the whole amount of any balance outstanding (regardless of whether within the overdraft limit or not) where the firm has determined that a default has occurred and/or where an impairment or provision charge has been raised and/or where formal demand for repayment has been made.

All amounts to include interest and fees and/or other charges. Do not include interest accrued but not yet payable.

For **credit cards** (and equivalent revolving credit facilities) the amount to be treated as in arrears or past due is:

- (i) any amount outstanding above the agreed card limit (as advised to the customer);
- (ii) any amount of the minimum monthly payments due which has not been met by credits to the account (on a cumulative basis, where the latest credit is applied to extinguish the earliest minimum payment due);
- (iii) the whole amount of any balance outstanding (regardless of whether within limit or not) where no credit has been received to the account in the previous 90 days; and
- (iv) the whole amount of any balance outstanding (regardless of whether within limit or not) where the *firm* has determined that a default has occurred and/or where an impairment or provision charge has been raised) and/or where formal demand for repayment has been made.

All amounts to include interest and fees and other charges. Do not include interest accrued but not yet payable.

Column B rows 12-26

Include here the balance of all accounts where a counterparty has failed to make payments when they were contractually due.

Where a proportion of the balance is past due, this column should be populated with the total balance of the exposure for which a portion is past due. For example, for a loan of £100,000 where a payment of £5,000 is contractually past due, a value of £100,000 should be recorded in column B, not £5,000.

For overdrafts and other revolving credit facilities, the amount to be treated as in arrears and/or past due is:

- (i) any amount borrowed and/or outstanding in excess of the overdraft limit for that account (whether explicitly agreed with the borrower or otherwise);
- (ii) the whole amount of any balance outstanding (regardless of whether within limit or not) where no credit has been received to the account in the previous 90 days; and
- (iii) the whole amount of any balance outstanding (regardless of whether within limit or not) where the firm has determined that a default has occurred and/or where an impairment or provision charge has been raised) and/or where formal demand for repayment has been made.

All amounts to include interest and fees and other charges due but not paid (unless incorporated in a balance that is within the agreed limit). Do not include interest accrued but not yet payable.

Column C rows 12-26

Past due: 'o/w impaired' is shorthand for 'of which impaired'. The terms 'impaired' and 'impairment' here, and in other places in FSA015, should be consistent with that used in the *firm*'s statutory Annual Accounts. Where the firm's accounts are compiled under UK GAAP the terms should be equated to 'general provisions' and 'specific provisions'.

Include here the balances of any exposures in column B which are also deemed to be impaired.

Where a proportion of the balance is impaired, this column should be populated with the total balance of the exposure, not just the amount by which the account is deemed impaired.

If impaired exposures are reported in column C, we would usually expect the balances to be reported in column N or, where applicable, column P.

Column D rows 12-26

'Other impaired' refers to impaired exposures which have no past due element.

Include here the total balance of any other *exposures* which, whilst not past due, are deemed to be impaired. Do not just record the amount of the impairment charge.

Where a *firm* is using UK GAAP rather than IFRS any balances in columns D and E should relate to exposures which, even though they are not past due, have been deemed to require either a general or specific provision.

Column E rows 12-26

For unsecured exposures and partially secured exposures (where the collateral held does not cover the entire exposure) enter the total gross value, before deduction of impairment charges, of exposures which have been classified as impaired (i.e. included in columns C and D) and for which either no collateral is held or where collateral is held but is insufficient to cover the entire exposure. Report here loans which are included in columns C and D because they are impaired, reporting the balance owed, less the realisable value of the security held, for each loan.

For fully secured lending (rows 13 and 17) we would usually expect a nil value in column E, unless it is known that the current realisable value of the security shows a shortfall. Where such a loan is subsequently restructured, it should be reclassified to the row appropriate for the security cover at that point.

Column B rows 27-31

Include here any exposures where payments have not been made on the date due and are now overdue and where there is little prospect for recovery of principal or interest.

Column C rows 27-31

Include here the amount of any other exposures which, whilst not in default, are deemed to be impaired.

Column D rows 27-31

Include here the Mark-to-market value of any impaired exposures included in columns B and C.

Column H: All balances (accounting) at period end

This is the total value of the on balance sheet exposures in each category, valued in line with the firm's accounting policies. However, there will not necessarily be a direct reconciliation between column H and the firm's statutory published Balance Sheet, nor between column H and FSA001, as FSA015 does not include all asset classes (and excludes trading book assets).

A firm should report here the balance sheet valuation of its exposures valued in accordance with IFRS or UK GAAP as appropriate.

Whether the balances in column H are reported net or gross of impairments or provisions, they should be consistent with how balances are calculated for the firm's statutory accounts.

FSA015 is intended to relate to on balance sheet arrears. That means that securitisations that attract off-balance sheet treatment should not be included. However, if a securitisation attracts on-balance sheet treatment (for instance because there is recourse to the firm or, in the case of consolidated returns, the securitisation SPV is included in the scope of the consolidation), it should be included. The appropriate rows of column H should be completed for all the sectors to which the firm has an exposure, even if these are all fully performing and there are no associated write-offs or impairment charges.

Columns J-M

The reference to 'in periods' at columns J to M is a reference to the amount of write-offs or impairment charges since the last reported FSA015.

In completing column J there may be a difference to accounting convention as write-offs should be reported as a positive figure. On FSA015 a negative number will be taken to indicate a write-back. Similarly for columns K and L, where an impairment charge is being put though the income statement it should be reported as a positive amount. A negative number will indicate the release of an impairment charge (reduction in provision).

Column J: Write-offs net of recoveries

Enter the net amount written off during the period, after any recoveries of exposures previously written off.

The figure reported here should only relate to the amount of write-offs net of recoveries made since the last reporting period end date (i.e. in the latest quarter or half-year). Unlike the data reported on the Income Statement (FSA002) it is not a cumulative figure for the financial year to date.

Columns K and L: Charge/credit to the Income statement (P&L)

The figure reported in column K should only relate to the amount of new individual impairments or specific provisions charged to the income statement since the last reporting period end date (i.e. in

the latest quarter or half-year). The figure reported in column L should only relate to the amount of new collective impairments or general provisions charged to the income statement since the last reporting period end date (i.e. in the latest quarter or half-year). Unlike the data reported on the PRA Income Statement (FSA002) it is not a cumulative figure for the financial year to date.

A net credit should be shown with a minus sign (not brackets). The gross charge for new impairment charges should be offset by other items including any charges made in earlier periods but now released. The charge or credit for individual impairment charges should include the charge or credit for provisions in respect of suspended interest where it is the practice of the reporting institution to show suspended interest as interest receivable in the income statement (profit and loss account).

Column M: Other Adjustments

The "in period" for columns J to M means the amount of write-offs or impairment charges since the last reported FSA015.

This includes any adjustments made as a result of an acquisition or disposal of a subsidiary company the balance sheet of which includes impairment balances and is included in the consolidation for the particular return. Also include any adjustments made for exchange rate movements in respect of impairment balances denominated in currencies other than the reporting currency. Where the adjustment is negative, report the amount with a minus sign (not brackets).

The figure reported here should only relate to the amount of other adjustments since the last reporting period end date (i.e. in the latest quarter or half-year). Unlike the data reported on PRA Income Statement (FSA002) it is not a cumulative figure for the financial year to date.

Column N: individual impairment balance or specific provisions

Enter the total value of individual impairment balances.

Note that if all of the firm's provisions relate to accounts included in this data item this would be the total value of the individual impairment balance or provisions as detailed on the firm's financial balance sheet. If some of the impairments or provisions relate to accounts that are not included in this data item then this will not be the case.

In most cases we would expect that, for the current period, for each line item, the following would be true: (N+P for the previous period) – J + (K+L+M) (where J, K, L & M are for the current period) is approximately equal to (N+P for the current period).

Individual impairment balances or specific provisions are those generated following the impairment assessment of a loan on a standalone basis.

Column P: collective impairment balance or general provision

Enter the total value of collective impairment balances.

Note that if all of the firm's provisions relate to accounts included in this data item this would be the total value of the collective impairment balance as detailed on the firm's financial balance sheet. If some of the provisions relate to accounts that are not included in this data item then this will not be the case.

Collective impairment balances or general provisions are those generated following the impairment assessment of a group of loans.

Columns L and P: collective impairments

Collective impairment charges should be applied at portfolio or product level and should be allocated to the most appropriate category for that portfolio or product.

Column Q: balances of loans with individual impairment

Include the total balance of any exposures that are judged to be impaired. This should be gross of impairment provisions but net of write-offs as per the statutory annual accounts. Loans which have been tested for impairments, but which are not classed as impaired, should not be included.

Sectors (rows)

UK and Non-UK

For Retail and Corporate sectors (lines 1-20), where a split of exposures between UK and non-UK is required, this should be done based on the location of the lending entity.

Financial sector and Non-financial institutions categories (lines 21-26) should be split by domicile of the counterparty to which the firm has an exposure. If the firm does not have details of the counterparty then it should report the UK/Non-UK split in the same way as done for Retail and Corporate sectors i.e. using the location of the lending entity.

Retail sector

This section comprises all Retail exposures, including exposures to retail SME. Note that loans should only be reclassified between "partially secured" and "fully secured" where there has been a formal revaluation exercise carried out by the firm of the specific security held, i.e. excluding revaluations conducted for the purposes of re-indexing for capital calculation purposes.

1 First charge mortgages to individuals

This comprises lending to individuals secured by mortgage on land and buildings, where such loans are fully secured by a first equitable or legal charge, where at least 40% of the land and buildings is used for residential purposes, and where the premises are for occupation by either the borrower (or dependant), or any other third party (e.g. it includes 'buy to let' lending to individuals). Both regulated and non-regulated mortgage contracts should be included.

Do not include here any residential loans to individuals that are part of a 'business loans' type package (involving multiple loans and multiple securities, where there is no one-to-one correspondence between a loan and a specific security), but report them under 'other secured loans to individuals'.

2 Other fully secured loans to individuals

Include here all other secured lending in the UK to individuals where the firm does not have a first charge.

3 Partially secured exposures to individuals

Include here any lending in the UK to individuals where the exposure is only partially secured.

4 Card accounts

This includes UK charge card lending (even if the outstanding balance is required to be paid off in full at the end of each charging period).

5 Unsecured exposures to individuals

Report here all other exposures in the UK to individuals.

6 Retail SME

Include here all UK exposures to retail SME irrespective of security held.

7 Fully secured loans to individuals

Include here any lending outside the UK to individuals where the exposure is fully secured.

8 Partially secured exposures to individuals

Include here any lending outside the UK to individuals where the exposure is only partially secured.

9 Unsecured exposures to individuals

Comprises all other exposures outside the UK to individuals. Credit card lending outside the UK should be included here.

10 Retail SME

Include here all non-UK exposures to retail SME irrespective of security held.

Corporate sector

This section comprises all *corporate exposures* that are not included in retail SME. This should include *exposures* to and/or balances with non consolidated group companies as well as third parties. It should exclude securities which are included in lines 27 - 30. Where a *firm* holds securities but cannot distinguish between quoted and unquoted securities these should also be reported as debt instruments (lines 27 - 30).

12 UK commercial real estate (secured and unsecured)

This will typically include any *exposures* defined by Basel as "Claims secured by commercial real estate" or "Income-producing real estate", or lending where the counterparty has been allocated to SIC code 68 or 41.1 and the lending is done in the UK. These SIC codes include exposures to social housing companies. Exposures included here are those that are linked to the commercial nature of the borrower rather than the type of real estate held as security.

13, 17 Other fully secured lending

Include here any lending where the exposure is fully secured

14, 18 Other partially secured lending

Include here any lending where the exposure is only partially secured.

15, 19 Unsecured lending

Include here all other corporate exposures.

16 Non-UK commercial real estate

This will typically include any *exposures* defined by Basel as "exposures secured by commercial real estate" or "Income-producing real estate", or lending where the counterparty has been allocated to SIC code 68 or 41.1 and the lending is done outside the UK.

Financial sector

This section comprises all exposures to the financial sector.

21 Exposures to UK financial institutions, credit institutions and insurance companies

Include *exposures* to all UK financial institutions, credit institutions (including banks) and insurance companies.

This line should include, for example, cash on deposit with UK financial institutions, money market deposits with *UK banks* and UK bank securities excluding securities which are included in lines 27 – 30 below.

22 Exposures to non-UK financial institutions, credit institutions and insurance companies

Include exposures to all non-UK financial institutions, credit institutions (including banks) and insurance companies.

This line should include, for example, cash on deposit with non-UK financial institutions, money market deposits with non-UK banks and non-UK bank securities excluding securities which are included in lines 27 – 30 below.

Non-financial institutions (including government)

Include all other exposures other than those defined above or debt instruments in the banking book.

Debt instruments (banking book)

Any debt instruments that are:

- (i) quoted on any investment exchange; or
- (ii) CDOs; or
- (iii) government gilts or Treasury Bills;

and held in the banking book, regardless of the issuer type, should be reported in lines 27 - 30 and not elsewhere.

27 UK collateralised debt obligations

Include here all CDOs issued by UK companies. CDOs are a type of asset-backed security whose value and payments are derived from a portfolio of fixed-income underlying assets.

28 Other UK asset backed securities

Include holdings of all other asset backed securities, except CDOs, issued by UK entities.

29 Other UK securities

Include holdings of all other securities, except those listed above, issued by UK entities. Include here also gilts and Treasury bills issued by the UK government.

Exposures to equities are not included in FSA015 and need not be reported.

30 Other non-UK securities

Include holdings of any securities issued by non-UK companies including non-UK CDOs and non-UK asset backed securities. Also include here non-UK government securities.

Debt instruments should be classified according to the domicile or geographical location of the issuer.

FSA015- sectoral information, including arrears and impairment - validations

Internal validations

Data elements are referenced by row then column

Validation number	Data element		
1	1G	=	1B+1C+1D+1E+1F
2	2G	=	2B+2C+2D+2E+2F
3	3G	=	3B+3C+3D+3E+3F
4	4G	=	4B+4C+4D+4E+4F
5	5G	=	5B+5C+5D+5E+5F
6	6G	=	6B+6C+6D+6E+6F
7	7G	=	7B+7C+7D+7E+7F
8	8G	=	8B+8C+8D+8E+8F
9	9G	=	9B+9C+9D+9E+9F
10	10G	=	10B+10C+10D+10E+10F
11	11G	=	11B+11C+11D+11E+11F
12	11A	=	1A+2A+3A+4A+5A+6A+7A+8A+9A+10A
13	11B	=	1B+2B+3B+4B+5B+6B+7B+8B+9B+10B
14	11C	=	1C+2C+3C+4C+5C+6C+7C+8C+9C+10C
15	11D	=	1D+2D+3D+4D+5D+6D+7D+8D+9D+10D
16	11E	=	1E+2E+3E+4E+5E+6E+7E+8E+9E+10E
17	11F	=	1F+2F+3F+4F+5F+6F+7F+8F+9F+10F
18	11G	=	1G+2G+3G+4G+5G+6G+7G+8G+9G+10G
19	20B	=	12B+13B+14B+15B+16B+17B+18B+19B
20	20C	=	12C+13C+14C+15C+16C+17C+18C+19C
21	20D	=	12D+13D+14D+15D+16D+17D+18D+19D
22	20E	=	12E+13E+14E+15E+16E+17E+18E+19E
23	23B	=	21B+22B

24	23C	=	21C+22C
25	23D	=	21D+22D
26	23E	=	21E+22E
27	26B	=	24B+25B
28	26C	=	24C+25C
29	26D	=	24D+25D
30	26E	=	24E+25E
31	31B	=	27B+28B+29B+30B
32	31C	=	27C+28C+29C+30C
33	31D	=	27D+28D+29D+30D
34	11H	=	1H+2H+3H+4H+5H+6H+7H+8H+9H+10H
35	11J	=	1J+2J+3J+4J+5J+6J+7J+8J+9J+10J
36	11K	=	1K+2K+3K+4K+5K+6K+7K+8K+9K+10K
37	11L	=	1L+2L+3L+4L+5L+6L+7L+8L+9L+10L
38	11M	=	1M+2M+3M+4M+5M+6M+7M+8M+9M+10M
39	11N	=	1N+2N+3N+4N+5N+6N+7N+8N+9N+10N
40	11P	=	1P+2P+3P+4P+5P+6P+7P+8P+9P+10P
41	11Q	=	1Q+2Q+3Q+4Q+5Q+6Q+7Q+8Q+9Q+10Q
42	20H	=	12H+13H+14H+15H+16H+17H+18H+19H
43	20J	=	12J+13J+14J+15J+16J+17J+18J+19J
44	20K	=	12K+13K+14K+15K+16K+17K+18K+19K
45	20L	=	12L+13L+14L+15L+16L+17L+18L+19L
46	20M	=	12M+13M+14M+15M+16M+17M+18M+19M
47	20N	=	12N+13N+14N+15N+16N+17N+18N+19N
48	20P	=	12P+13P+14P+15P+16P+17P+18P+19P
49	20Q	=	12Q+13Q+14Q+15Q+16Q+17Q+18Q+19Q
50	23H	=	21H+22H
51	23J	=	21J+22J
		1	

52	23K	=	21K+22K
53	23L	=	21L+22L
54	23M	=	21M+22M
55	23N	=	21N+22N
56	23P	=	21P+22P
57	23Q	=	21Q+22Q
58	26H	=	24H+25H
59	26J	=	24J+25J
60	26K	=	24K+25K
61	26L	=	24L+25L
62	26M	=	24M+25M
63	26N	=	24N+25N
64	26P	=	24P+25P
65	26Q	=	24Q+25Q
66	31H	=	27H+28H+29H+30H
67	31J	=	27J+28J+29J+30J
68	31K	=	27K+28K+29K+30K
69	31L	=	27L+28L+29L+30L
70	31M	=	27M+28M+29M+30M
71	31N	=	27N+28N+29N+30N
72	31P	=	27P+28P+29P+30P
73	31Q	=	27Q+28Q+29Q+30Q
74	32H	=	11H+20H+23H+26H+31H
75	32J	=	11J+20J+23J+26J+31J
76	32K	=	11K+20K+23K+26K+31K
77	32L	=	11L+20L+23L+26L+31L
78	32M	=	11M+20M+23M+26M+31M
79	32N	=	11N+20N+23N+26N+31N

32P	=	11P+20P+23P+26P+31P
32Q	=	11Q+20Q+23Q+26Q+31Q
12C	<=	12B
13C	<=	13B
14C	<=	14B
15C	<=	15B
16C	<=	16B
17C	<=	17B
18C	<=	18B
19C	<=	19B
20C	<=	20B
21C	<=	21B
22C	<=	22B
23C	<=	23B
24C	<=	24B
25C	<=	25B
26C	<=	26B
	32Q 12C 13C 14C 15C 16C 17C 18C 19C 20C 21C 22C 23C 24C 25C	32Q = 12C <= 13C <= 14C <= 15C <= 15C <= 16C <= 17C <= 20C <= 21C <= 22C <= 23C <= 24C <= 25C <=

External validations

There are no external validations for this data item