

**COPPISH SMR02 April 1997 onwards**

**COPPISH SMR02 Discharges April 1997 onwards: Linked Database Layout**

**File Source** : ASCII (SDF)  
**File Location** :  
**File Name** :  
**Contact** : Kevin Greig

| Position From | Position To | Field Name                  | Description  | Values/Format                                    |
|---------------|-------------|-----------------------------|--|--|
| 1             | 8           | PERSONAL IDENTIFIER         | Unique personal identifier (link number)   | Sequential 8 digit numeric code.                 |
| 9             | 16          | SORT DATE 1                 | Patients date of admission   | Date in the format<br>CCYYMMDD                   |
| 17            | 24          | SORT DATE 2                 | Patients date of discharge   | Date in the format<br>CCYYMMDD                   |
| 25            | 27          | RECORD TYPE                 | Type of record   | 02C = COPPISH SMR02<br>1997/04/01 onwards        |
| 28            | 35          | ACCESSION NUMBER            | A unique reference number applied to each input record prior to linkage. The lowest record accession number in each linked group is used as the groups link number (personal identifier). If a record is relinked it will be given a new record accession number | 8 digit numeric code.                            |
| 36            | 43          | UNIQUE RECORD IDENTIFIER    | Unique record identifier   | 8 digit numeric code.                            |
| 44            | 47          | SURNAME SOUNDINDEX CODE     | Compressed form of surname given by the Soundex/NYSIIS algorithm   | Four digit alpha-numeric code in the format ANNN |
| 48            | 51          | MAIDEN NAME SOUNDINDEX CODE | Compressed form of maiden name given by the Soundex/NYSIIS algorithm   | Four digit alpha-numeric code in the format ANNN |
| 52            | 59          | DATE OF BIRTH               | Patients date of birth. This is to aid in the sorting of the catlink file.   | Date in the format<br>CCYYMMDD                   |
| 60            | 63          | COMMON UNIT CODE            | Code which allows the matching of Postcodes to Parish codes  | 4 digit integer                                  |

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| <b>Position From</b> | <b>Position To</b> | <b>Field Name</b>                 | <b>Description</b>  | <b>Values/Format</b>  |
|----------------------|--------------------|-----------------------------------|---|---|
| 64                   | 64                 | SORT MARKER                       | Aid in the sorting of the catalog file.                   | 0 = SMR2/02<br>1 = All other Record Types.  |
| 65                   | 72                 | DATE OF LINKAGE                   | Date record last linked to the file                       | Date in the format<br>CCYYMMDD  |
| 73                   | 78                 | ONE PASS LINK WEIGHT (SCORE)      | Score at which the record was linked to the catalog       | 6 digit real number   |
| 79                   | 80                 | PREGNANCY MARKER                  |   |   |
| 81                   | 82                 | BABY MARKER                       |   |   |
| 83                   | 83                 | SUSPICIOUS GROUP MARKER           |   | 0 = Never been relinked<br>1 = Relinked once<br>2 = Relinked Twice (or more)                            |
| 84                   | 84                 | RELINK MARKER                     | This field should always be zero on the analysis catalog. | 0 = Record not to be relinked<br>1 = Record to be relinked  |
| 85                   | 100                | <b>FOR FUTURE USE</b>             | Reserved for future MRL use                               | Blank   |
| 101                  | 105                | Sending Location                  |   |   |
| 106                  | 116                | Episode Record Key                |   |   |
| 117                  | 136                | Surname                           |   |   |
| 137                  | 156                | 1st Forename                      |   |   |
| 157                  | 176                | 2nd Forename                      |   |   |
| 177                  | 196                | Previous Surname                  |   |   |
| 197                  | 204                | Date of Birth                     |   | ccyymmdd  |
| 205                  | 205                | Sex                               |   |   |
| 206                  | 206                | Marital Status                    |   |   |
| 207                  | 216                | CI/CHI Number                     |   |   |
| 217                  | 226                | NHS Number                        |   |   |
| 227                  | 230                | Health Records System Identifier  |   |   |
| 231                  | 240                | Patient Identifier                |   |   |
| 241                  | 250                | Alternative Case Reference Number |   |   |
| 251                  | 258                | Postcode                          |   | <i>On anonymised files, only first six characters (postcode sector) given - last 2 characters blank</i> |
| 259                  | 260                | Ethnic Group                      |   |   |

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| <b>Position From</b> | <b>Position To</b> | <b>Field Name</b>                   | <b>Description</b> | <b>Values/Format</b>  |
|----------------------|--------------------|-------------------------------------|--------------------|---|
| 261                  | 266                | GP Practice Code                    |                    | <i>right justify Practice code</i>  |
| 267                  | 274                | Referring GP/GDP GMC Number         |                    | <i>right justify GMC No</i>   |
| 275                  | 284                | Care Package Identifier             |                    |   |
| 285                  | 289                | Location                            |                    |   |
| 290                  | 292                | Specialty                           |                    | <i>left justify</i>   |
| 293                  | 293                | Specialty Local Code                |                    |   |
| 294                  | 295                | Significant Facility                |                    |   |
| 296                  | 298                | Clinical Facility - Start           |                    |   |
| 299                  | 301                | Clinical Facility - End             |                    |   |
| 302                  | 309                | Consultant/HCP Responsible for Care |                    | <i>right justify GMC No</i>   |
| 310                  | 310                | Management of Patient               |                    |   |
| 311                  | 311                | Patient Category                    |                    |   |
| 312                  | 316                | Provider Code                       |                    | <i>Derived to reflect Trust configuration pre and post April 1999. Code as supplied by the Trust is held in positions 878-882</i> |
| 317                  | 321                | Purchaser Code                      |                    |   |
| 322                  | 327                | Serial Number                       |                    |   |
| 328                  | 333                | GP Referral Letter Number           |                    |   |
| 334                  | 342                | Filler                              |                    | <i>not applicable to SMR02</i>  |
| 343                  | 350                | Admission Date                      |                    | <i>ccymmdd</i>  |
| 351                  | 351                | Filler                              |                    | <i>not applicable to SMR02</i>  |
| 352                  | 353                | Admission Type                      |                    |   |
| 354                  | 355                | Admission Reason                    |                    |   |
| 356                  | 357                | Admission/Transfer From             |                    |   |
| 358                  | 362                | Admission/Transfer From -Location   |                    |   |
| 363                  | 370                | Ready for Discharge Date            |                    | <i>ccymmdd</i>  |
| 371                  | 378                | Discharge Date                      |                    | <i>ccymmdd</i>  |
| 379                  | 380                | Discharge Type                      |                    |   |
| 381                  | 382                | Discharge/Transfer To               |                    |   |
| 383                  | 387                | Discharge/Transfer To -Location     |                    |   |
| 388                  | 393                | Main Condition                      |                    | <i>ICD10 code format</i>  |

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| <b>Position From</b> | <b>Position To</b> | <b>Field Name</b>                        | <b>Description</b> | <b>Values/Format</b>        |
|----------------------|--------------------|--|--------------------|-----------------------------|
| 394                  | 399                | Other Condition 1                        |                    | <i>ICD10 code format</i>    |
| 400                  | 405                | Other Condition 2                        |                    | <i>ICD10 code format</i>    |
| 406                  | 411                | Other Condition 3                        |                    | <i>ICD10 code format</i>    |
| 412                  | 417                | Other Condition 4                        |                    | <i>ICD10 code format</i>    |
| 418                  | 423                | Other Condition 5                        |                    | <i>ICD10 code format</i>    |
| 424                  | 431                | Main Operation                           |                    | <i>OPCS4 code pair</i>      |
| 432                  | 439                | Date of Main Operation                   |                    | <i>ccyymmdd</i>             |
| 440                  | 447                | Clinician Responsible for Main Operation |                    | <i>right justify GMC No</i> |
| 448                  | 455                | Other Operation 1                        |                    | <i>OPCS4 code pair</i>      |
| 456                  | 463                | Date of Other Operation 1                |                    | <i>ccyymmdd</i>             |
| 464                  | 471                | Clinician - Other Operation 1            |                    | <i>right justify GMC No</i> |
| 472                  | 479                | Other Operation 2                        |                    | <i>OPCS4 code pair</i>      |
| 480                  | 487                | Date of Other Operation 2                |                    | <i>ccyymmdd</i>             |
| 488                  | 495                | Clinician - Other Operation 2            |                    | <i>right justify GMC No</i> |
| 496                  | 503                | Other Operation 3                        |                    | <i>OPCS4 code pair</i>      |
| 504                  | 511                | Date of Other Operation 3                |                    | <i>ccyymmdd</i>             |
| 512                  | 519                | Clinician - Other Operation 3            |                    | <i>right justify GMC No</i> |
| 520                  | 549                | Filler (for future use)                  |                    |                             |
| 550                  | 551                | Total Previous Pregnancies               |                    |                             |
| 552                  | 553                | Total Previous Spontaneous Abortions     |                    |                             |
| 554                  | 555                | Total Previous Therapeutic Abortions     |                    |                             |
| 556                  | 557                | Total Previous Ceasarean Sections        |                    |                             |
| 558                  | 559                | Total Previous Stillbirths               |                    |                             |
| 560                  | 561                | Total Previous Neonatal Deaths           |                    |                             |
| 562                  | 563                | Previous Admissions this Pregnancy       |                    |                             |
| 564                  | 571                | Date of Booking                          |                    | <i>ccyymmdd</i>             |
| 572                  | 576                | Original Booking                         |                    |                             |
| 577                  | 577                | Delivery Plan - Place                    |                    |                             |
| 578                  | 578                | Delivery Plan - Management               |                    |                             |
| 579                  | 579                | Booking Change - Place                   |                    |                             |

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| <b>Position From</b> | <b>Position To</b> | <b>Field Name</b>                      | <b>Description</b> | <b>Values/Format</b>         |
|----------------------|--------------------|--|--------------------|------------------------------|
| 580                  | 580                | Booking Change- Management             |                    |                              |
| 581                  | 583                | Height                                 |                    |                              |
| 584                  | 586                | Weight of Mother                       |                    | <i>Introduced 01/04/2003</i> |
| 587                  | 587                | Type of Abortion                       |                    |                              |
| 588                  | 588                | Management of Abortion                 |                    |                              |
| 589                  | 596                | Date of LMP                            |                    | <i>ccyymmdd</i>              |
| 597                  | 598                | Estimated Gestation                    |                    |                              |
| 599                  | 599                | Certainty of Gestation - Based on Scan |                    | <i>Introduced 01/04/2003</i> |
| 600                  | 600                | Antenatal Steroids                     |                    |                              |
| 601                  | 601                | Diabetes                               |                    |                              |
| 602                  | 602                | Smoking History                        |                    |                              |
| 603                  | 603                | Smoker During Pregnancy                |                    |                              |
| 604                  | 604                | Condition on Discharge                 |                    |                              |
| 605                  | 605                | Drug Misuse                            |                    | <i>Introduced 01/04/2003</i> |
| 606                  | 607                | Drugs Used 1                           |                    | <i>Introduced 01/04/2003</i> |
| 608                  | 609                | Drugs Used 2                           |                    | <i>Introduced 01/04/2003</i> |
| 610                  | 611                | Drugs Used 3                           |                    | <i>Introduced 01/04/2003</i> |
| 612                  | 613                | Drugs Used 4                           |                    | <i>Introduced 01/04/2003</i> |
| 614                  | 614                | Ever Injected Illicit Drugs            |                    | <i>Introduced 01/04/2003</i> |
| 615                  | 616                | Typical Weekly Alcohol Consumption     |                    | <i>Introduced 01/04/2003</i> |
| 617                  | 617                | Induction of Labour                    |                    |                              |
| 618                  | 619                | Duration of Labour                     |                    |                              |
| 620                  | 620                | Analgesia During Labour/Delivery       |                    | <i>Introduced 01/04/2003</i> |
| 621                  | 621                | Episiotomy                             |                    |                              |
| 622                  | 622                | Tears                                  |                    |                              |
| 623                  | 623                | Sterilisation after Delivery           |                    |                              |
| 624                  | 631                | Date of Delivery                       |                    | <i>ccyymmdd</i>              |
| 632                  | 632                | Number of Births this Pregnancy        |                    |                              |
| 633                  | 633                | Doctor Present At Delivery             |                    | <i>Introduced 01/04/2003</i> |
| 634                  | 634                | Midwife Present At Delivery            |                    | <i>Introduced 01/04/2003</i> |

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| <b>Position From</b> | <b>Position To</b> | <b>Field Name</b>                 | <b>Description</b> | <b>Values/Format</b>     |
|----------------------|--------------------|-----------------------------------|--------------------|--------------------------|
| 635                  | 635                | Midwife to Consultant Transfer    |                    |                          |
| 636                  | 641                | Indication for Operative Delivery |                    | <i>ICD10 code format</i> |
| 642                  | 642                | Presentation at Delivery, Baby 1  |                    |                          |
| 643                  | 643                | Presentation at Delivery, Baby 2  |                    |                          |
| 644                  | 644                | Presentation at Delivery, Baby 3  |                    |                          |
| 645                  | 645                | Mode of Delivery, Baby 1          |                    |                          |
| 646                  | 646                | Mode of Delivery, Baby 2          |                    |                          |
| 647                  | 647                | Mode of Delivery, Baby 3          |                    |                          |
| 648                  | 648                | Outcome of Pregnancy, Baby 1      |                    |                          |
| 649                  | 649                | Outcome of Pregnancy, Baby 2      |                    |                          |
| 650                  | 650                | Outcome of Pregnancy, Baby 3      |                    |                          |
| 651                  | 654                | Birthweight, Baby 1               |                    |                          |
| 655                  | 658                | Birthweight, Baby 2               |                    |                          |
| 659                  | 662                | Birthweight, Baby 3               |                    |                          |
| 663                  | 663                | Resuscitation, Baby 1             |                    |                          |
| 664                  | 664                | Resuscitation, Baby 2             |                    |                          |
| 665                  | 665                | Resuscitation, Baby 3             |                    |                          |
| 666                  | 667                | Apgar @ 5 Minutes, Baby 1         |                    |                          |
| 668                  | 669                | Apgar @ 5 Minutes, Baby 2         |                    |                          |
| 670                  | 671                | Apgar @ 5 Minutes, Baby 3         |                    |                          |
| 672                  | 672                | Sex, Baby 1                       |                    |                          |
| 673                  | 673                | Sex, Baby 2                       |                    |                          |
| 674                  | 674                | Sex, Baby 3                       |                    |                          |
| 675                  | 677                | OFC, Baby 1                       |                    |                          |
| 678                  | 680                | OFC, Baby 2                       |                    |                          |
| 681                  | 683                | OFC, Baby 3                       |                    |                          |
| 684                  | 685                | Crown Heel, Baby 1                |                    |                          |
| 686                  | 687                | Crown Heel, Baby 2                |                    |                          |
| 688                  | 689                | Crown Heel, Baby 3                |                    |                          |
| 690                  | 690                | Neonatal Indicator, Baby 1        |                    |                          |

### COPPISH SMR02 April 1997 onwards

| Position From | Position To | Field Name                            | Description | Values/Format  |
|---------------|-------------|---------------------------------------|-------------|--|
| 691           | 691         | Neonatal Indicator, Baby 2            |             |  |
| 692           | 692         | Neonatal Indicator, Baby 3            |             |  |
| 693           | 693         | Baby Discharged To, Baby 1            |             |  |
| 694           | 694         | Baby Discharged To, Baby 2            |             |  |
| 695           | 695         | Baby Discharged To, Baby 3            |             |  |
| 696           | 705         | Baby CI/CHI Number, Baby 1            |             | <i>Blank on anonymised files</i>   |
| 706           | 715         | Baby CI/CHI Number, Baby 2            |             | <i>Blank on anonymised files</i>   |
| 716           | 725         | Baby CI/CHI Number, Baby 3            |             | <i>Blank on anonymised files</i>   |
| 726           | 726         | Feed on Discharge, Baby 1             |             |  |
| 727           | 727         | Feed on Discharge, Baby 2             |             |  |
| 728           | 728         | Feed on Discharge, Baby 3             |             |  |
| 729           | 729         | First Feed Given, Baby 1              |             | <i>Introduced 01/04/2003</i>   |
| 730           | 730         | First Feed Given, Baby 2              |             | <i>Introduced 01/04/2003</i>   |
| 731           | 731         | First Feed Given, Baby 3              |             | <i>Introduced 01/04/2003</i>   |
| 732           | 732         | Feeding Intention at Booking          |             | <i>Discontinued from 01/04/2004</i>  |
| 733           | 733         | Certainty of Gestation                |             | <i>Discontinued from 01/04/2004</i>  |
| 734           | 734         | Analgesia during Labour               |             | <i>Discontinued from 01/04/2004</i>  |
| 735           | 735         | Analgesia/Anaesthesia during Delivery |             | <i>Discontinued from 01/04/2004</i>  |
| 736           | 736         | Most Senior Doctor Present            |             | <i>Discontinued from 01/04/2004</i>  |
| 737           | 737         | Most Senior Midwife Present           |             | <i>Discontinued from 01/04/2004</i>  |
| 738           | 744         | Reformatted Postcode                  |             | <i>On anonymised files, only first five characters (postcode sector) given - last 2 characters blank</i> |
| 745           | 750         | Grid Reference Easting                |             | <i>Blank on anonymised files</i>   |
| 751           | 757         | Grid Reference Northing               |             | <i>Blank on anonymised files</i>   |
| 758           | 764         | 1991 Census Output Area               |             |  |
| 765           | 765         | 1991 Census Urban Rural Code          |             |  |
| 766           | 766         | 1991 Carstairs Deprivation Category   |             |  |
| 767           | 767         | 1991 Carstairs Deprivation Quintile   |             |  |
| 768           | 773         | 1991 Carstairs Deprivation Score      |             |  |
| 774           | 783         | 2001 Census Output Area               |             |  |
| 784           | 792         | Datazone                              |             |  |

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| Position From | Position To | Field Name   | Description | Values/Format            |
|---------------|-------------|--|-------------|--------------------------|
| 793           | 801         | Aggregated Datazone                                    |             | <i>Not yet available</i> |
| 802           | 856         | 2001 Deprivation Data                                  |             | <i>Not yet available</i> |
| 857           | 861         | 2001 Census Ward ST                                    |             | <i>Not yet available</i> |
| 862           | 866         | 2001 Census Ward CAS                                   |             | <i>Not yet available</i> |
| 867           | 871         | 2001 Census Postcode Sector ST                         |             | <i>Not yet available</i> |
| 872           | 876         | 2001 Census Postcode sector CAS                        |             | <i>Not yet available</i> |
| 877           | 880         | Electoral Ward   |             |                          |
| 881           | 882         | UK Parliamentary Constituency                          |             |                          |
| 883           | 884         | Scottish Parliamentary Constituency                    |             |                          |
| 885           | 886         | Local Government District                              |             |                          |
| 887           | 888         | Council Area   |             |                          |
| 889           | 889         | Health Board of Residence Cypher                       |             |                          |
| 890           | 891         | Health Board of Residence Number                       |             |                          |
| 892           | 898         | Nomenclature of Units for Territorial Statistics(NUTS) |             |                          |
| 899           | 900         | HB of Treatment Number                                 |             |                          |
| 901           | 902         | GP Practice HB Number                                  |             |                          |
| 903           | 905         | Age on Admission                                       |             |                          |
| 906           | 908         | Age at Conception                                      |             |                          |
| 909           | 909         | Hospital Type  |             |                          |
| 910           | 910         | Mother's Height Group                                  |             |                          |
| 911           | 911         | Birthweight Group Baby 1                               |             |                          |
| 912           | 912         | Birthweight Group Baby 2                               |             |                          |
| 913           | 913         | Birthweight Group Baby 3                               |             |                          |
| 914           | 914         | Duration of Pregnancy Centile Baby 1                   |             |                          |
| 915           | 915         | Duration of Pregnancy Centile Baby 2                   |             |                          |
| 916           | 916         | Duration of Pregnancy Centile Baby 3                   |             |                          |
| 917           | 917         | Estimated Gestation Centile Baby 1                     |             |                          |
| 918           | 918         | Estimated Gestation Centile Baby 2                     |             |                          |
| 919           | 919         | Estimated Gestation Centile Baby 3                     |             |                          |



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| <b>Position From</b> | <b>Position To</b> | <b>Field Name</b>     | <b>Description</b> | <b>Values/Format</b>   |
|----------------------|--------------------|-----------------------|--------------------|--|
| 920                  | 922                | HRG at Conception     |                    |  |
| 923                  | 927                | Length of Stay        |                    |  |
| 928                  | 930                | Antenatal Stay        |                    |  |
| 931                  | 933                | Post Natal Stay       |                    |  |
| 934                  | 935                | Duration of Pregnancy |                    |  |
| 936                  | 937                | Gestation at Booking  |                    |  |
| 938                  | 939                | Parity                |                    |  |
| 940                  | 940                | Error Flag            |                    |  |
| 941                  | 941                | Query Flag            |                    |  |
| 942                  | 942                | Postcode Query Ind    |                    |  |
| 943                  | 948                | Batch Number          |                    |  |
| 949                  | 952                | Batch Sequence Number |                    |  |
| 953                  | 958                | Version Number        |                    |  |
| 959                  | 966                | Date Record Inserted  |                    | <i>ccyymmdd</i>  |
| 967                  | 974                | Date Last Amended     |                    | <i>ccyymmdd</i>  |
| 975                  | 975                | Delete Flag           |                    | <i>= D if record has been deleted</i>  |
| 976                  | 976                | Accredited Flag       |                    | <i>= A if record from Accredited site</i>  |
| 977                  | 977                | Processing Site       |                    | <i>M=Maryfield, T=TPH</i>  |
| 978                  | 982                | Input Provider        |                    | <i>As supplied by Trust - information in the 'Provider' &amp; 'Current Provider' fields (positions 212-216), 764-768 is derived using this field</i> |
| 983                  | 988                | Date (of discharge)   |                    | <i>mmyyyy - used for derivation of Provider code</i>   |
| 989                  | 993                | Current Provider      |                    | <i>Mapped code from 1997 based on current configuration.</i>   |

**The following fields are transitional linkage items that will not be required on the final analysis file.**

| <b>Position From</b> | <b>Position To</b> | <b>Field Name</b>           | <b>Description</b>                       | <b>Values/Format</b>             |
|----------------------|--------------------|-----------------------------|--|----------------------------------|
| 994                  | 999                | SURNAME SOUNDSEX WEIGHT     | Soundex weight                           | 6 digit real number              |
| 1000                 | 1005               | MAIDEN NAME SOUNDSEX WEIGHT | Soundex weight                           | 6 digit real number              |
| 1006                 | 1013               | INTERNAL LINK NUMBER        |  | Sequential 8 digit numeric code. |
| 1014                 | 1019               | INTERNAL LINK SCORE         | Score at which the record was internally | 6 digit real number              |

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| <b>Position From</b> | <b>Position To</b> | <b>Field Name</b> | <b>Description</b> | <b>Values/Format</b> |
|----------------------|--------------------|-------------------|--------------------|----------------------|
|                      |                    |                   | linked.            |                      |