## TARN Core fields

| ID | Type | Description | Statistics | Missing (%) | Histogram |
| --- | --- | --- | --- | --- | --- |
| TC06\_GCS | Ordinal | The GCS from the eye, verbal and motor scores on saving. | 3 45  4 9  5 20  6 18  7 36  8 39  9 33  10 44  11 40  12 67  13 154  14 524  15 4759 | 20.10 |  |
| TC08\_LOScc | Numerical | Total length of stay in Critical Care (days) | min 0.00  max 141.00  mean 1.91  STD 5.46  median 0.00 | 0.02 |  |
| TC32\_CharlsonComorbidityIndex | Ordinal | A weighting of PMCs based on a modified version of the Charlson Comorbidity Index, Twenty one groups of comorbidity were created and a weight was allocated to each of these groups. The weights were derived according to the strength of the relationship between the disease group and outcome. Some groupings may not appear in this datatset | |  |  |  |  |  | | --- | --- | --- | --- | --- | | 0 | 3974 |  | 11 | 36 | | 1 | 542 |  | 12 | 22 | | 2 | 711 |  | 13 | 36 | | 3 | 169 |  | 14 | 15 | | 4 | 713 |  | 15 | 11 | | 5 | 209 |  | 16 | 4 | | 6 | 285 |  | 17 | 6 | | 7 | 96 |  | 18 | 2 | | 8 | 127 |  | 19 | 2 | | 9 | 55 |  | 20 | 1 | | 10 | 47 |  | 22 | 1 | | 2.52 |  |
| TC33\_ED\_GCS | Ordinal | First observation in ED for GCS Total , a value of 97 refers to 'missing, assumed normal' | 3 26  4 4  5 9  6 7  7 21  8 20  9 20  10 24  11 24  12 48  13 130  14 511  15 5067 | 18.18 |  |
| TC34\_ED\_GCSEye | Ordinal | First observation in ED for GCS (Eye) | 1 64  2 16  3 187  4 5395 | 21.86 |  |
| TC35\_ED\_GCSMotor | Ordinal | First observation in ED for GCS (Motor) | 1 31  2 4  3 7  4 14  5 109  6 5495 | 21.90 |  |
| TC36\_ED\_GCSVerbal | Ordinal | First observation in ED for GCS (Verbal) | 1 60  2 43  3 35  4 353  5 5170 | 21.88 |  |
| TC37\_ED\_O2Sat | Numerical | First observation in ED for Oxygen Saturation | min 60.00  max 100.00  mean 97.21  STD 3.17  median 98.00 | 15.64 |  |
| TC38\_ED\_Pulse | Numerical | First observation in ED for Pulse Rate | min 1.00  max 180.00  mean 82.58  STD 19.12  median 80.00 | 14.80 |  |
| TC39\_ED\_RR | Numerical | First observation in ED for Respiratory Rate | min 0.00  max 100.00  mean 18.81  STD 5.49  median 18.00 | 19.96 |  |
| TC40\_ED\_SBP | Numerical | First observation in ED for Systolic Blood pressure | min 40.00  max 250.00  mean 137.65  STD 26.77  median 136.00 | 15.23 |  |
| TC41\_PreHosp\_GCS | Ordinal | First observation pre-hospital for GCS  Total, a value of 97 refers to 'missing, assumed normal' | 3 69  4 18  5 19  6 23  7 32  8 41  9 40  10 41  11 44  12 55  13 150  14 553  15 3297 | 40.03 |  |
| TC42\_PreHosp\_GCSEye | Ordinal | First observation pre-hospital for GCS (Eye) | 1 152  2 38  3 204  4 3731 | 43.65 |  |
| TC43\_PreHosp\_GCSMotor | Ordinal | First observation pre-hospital for GCS (Motor) | 1 87  2 14  3 25  4 48  5 142  6 3808 | 43.67 |  |
| TC44\_PreHosp\_GCSVerbal | Ordinal | First observation pre-hospital for GCS (Verbal) | 1 129  2 86  3 50  4 488  5 3372 | 43.65 |  |
| TC45\_PreHosp\_O2Sat | Numerical | First observation pre-hospital for Oxygen Saturation | min 28.00  max 100.00  mean 95.84  STD 8.84  median 97.00 | 42.05 |  |
| TC46\_PreHosp\_Pulse | Numerical | First observation pre-hospital for Pulse Rate | min 4.00  max 180.00  mean 84.73  STD 20.06  median 82.00 | 40.60 |  |
| TC47\_PreHosp\_RR | Numerical | First observation pre-hospital for Respiratory Rate | min 0.00  max 98.00  mean 20.53  STD 6.78  median 18.00 | 42.83 |  |
| TC48\_PreHosp\_SBP | Numerical | First observation pre-hospital for Systolic Blood pressure | min 30.00  max 250.00  mean 136.78  STD 29.00  median 136.00 | 42.08 |  |

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## Rehabilitation Prescription fields

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Type | Description | Statistics | Missing (%) | Histogram |
| RP02\_PhysicalFactor | Nominal | Combined old & new rehab questions (see Rehab Calculation tab). Whether the patient's rehabilitation prescription contains information regarding the management of physical factors 9(e.g. mobility, vision, transfer aids) | 1 No 743  2 Yes 6067 | 5.97 |  |
| RP03\_CognitiveFactor | Nominal | Combined old & new rehab questions (see Rehab Calculation tab). Whether the patient's rehabilitation prescription contains information regarding the management of cognitive or mood factors (e.g. Anxiety, depression) | 1 No 5085  2 Yes 1593 | 7.75 |  |
| RP04\_PsychSocFactor | Nominal | Combined old & new rehab questions (see Rehab Calculation tab). Whether the patient's rehabilitation prescription contains information regarding the management of psychological factors (e.g. psychological support, behavioural management) | 1 No 4982  2 Yes 1582 | 9.22 |  |

## Questionnaire 1 fields

| ID | Type | Description | Statistics | Missing (%) | Histogram |
| --- | --- | --- | --- | --- | --- |
| Q103\_HelpFill | Nominal | Is anyone helping you fill in this questionnaire? | 1. Yes 3997  2. No 3173 | 0.98 |  |
| Q104\_OnBehalfOf | Nominal | Are you filling in this questionnaire on behalf of someone else who can't express their own views? | 1. Yes 220  2. No 6896 | 1.73 |  |
| Q105\_InvolveTreat | Partially ordinal | Were you involved as much as you wanted to be in decisions about your care and treatment? | 1 Yes, definitely 4124  2 Yes, to some extent 1517  3 No 214  4 Can't say/don't know 1315 | 0.97 |  |
| Q106\_PainControl | Partially ordinal | Do you think the hospital staff did everything they could to help control your pain? | 1 Yes, definitely 6201  2 Yes, to some extent 812  3 No 87  4 Can't say/don't know 112 | 0.36 |  |
| Q107\_DocQuestions | Partially Ordinal | When you had important questions to ask a doctor, how often did you get answers that you could understand? | 1 All or most of the time 5201  2 Some of the time 1249  3 Rarely or never 220  4 I did not ask any questions 534 | 0.48 |  |
| Q108\_EQ5DMobility | Ordinal | Mobility | 1 I have no problems in walking about 1067  2 I have slight problems in walking about 1348  3 I have moderate problems in walking about 1552  4 I have severe problems in walking about 1173  5 I am unable to walk about 2040 | 0.79 |  |
| Q109\_EQ5DSelfCare | Ordinal | Self-care | 1 I have no problems with washing or dressing myself 1621  2 I have slight problems washing or dressing myself 1688  3 I have moderate problems washing or dressing myself 1794  4 I have severe problems washing or dressing myself 965  5 I am unable to wash or dress myself 1112 | 0.74 |  |
| Q110\_EQ5DUsual | Ordinal | Usual activities | 1 I have no problems doing my usual activities 613  2 I have slight problems doing my usual activities 911  3 I have moderate problems doing my usual activities 1096  4 I have severe problems doing my usual activities 939  5 I am unable to do my usual activities 3520 | 2.12 |  |
| Q111\_EQ5DPain | Ordinal | Pain/discomfort | 1 I have no pain or discomfort 949  2 I have slight pain or discomfort 2184  3 I have moderate pain or discomfort 2690  4 I have severe pain or discomfort 1079  5 I have extreme pain or discomfort 268 | 0.98 |  |
| Q112\_EQ5DAnxiety | Ordinal | Anxiety/depression | 1 I am not anxious or depressed 3542  2 I am slightly anxious or depressed 2030  3 I am moderately anxious or depressed 1181  4 I am severely anxious or depressed 274  5 I am extremely anxious or depressed 148 | 0.86 |  |
| Q114\_Employment | Nominal | Before your accident were you: | 1 In full time employment 2596  2 In part time employment 523  3 In full time education 153  4 In part time education 15  5 Unemployed 301  6 Retired 3190  7 On disability living allowance 224 | 1.57 |  |

## Questionnaire 2 fields

| ID | Type | Description | Statistics | Missing (%) | Histogram |
| --- | --- | --- | --- | --- | --- |
| Q201\_Helpfill | Nominal | Is anyone helping you fill in this questionnaire? | 1 Yes 957  2 No 6203 | 1.04 |  |
| Q202\_OnBehalfOf | Nominal | Are you filling in this questionnaire on behalf of someone else who can't express their own views? | 1 Yes 240  2 No 6821 | 2.50 |  |
| Q203\_AfterLeaving | Partially ordinal | After leaving hospital, were you given enough care and help from health or social services (for example district nurses, home helps or physiotherapists)? | 1 Yes, definitely 2667  2 Yes, to some extent 2064  3 No 1101  4 I did not need help from health and social services 1146  5 Don't know / can't remember 41 | 2.97 |  |
| Q204\_GPInfo | Nominal | As far as you know, was your GP given enough information about your condition and the treatment you had at the hospital? | 1 Yes 4727  2 No 864  3 Don't know / can't remember 1525 | 1.66 |  |
| Q205\_WorkWell | Partially ordinal | Did the different people treating and caring for you (such as GP, hospital doctors, hospital nurses, specialist nurses, community nurses) work well together to give you the best possible care? | 1 Yes, always 3398  2 Yes, most of the time 2091  3 Yes, some of the time 1052  4 No, never 324  5 Don't know 246 | 1.80 |  |
| Q212\_beforeInjuryLook | Nominal | Before the injury were you able to look after yourself at home? | 1 Yes 6810  2 No 310 | 0.19 |  |
| Q214\_Beforebuy | Nominal | Before the injury were you able to buy things at the shops without help? | 1 Yes 6669  2 No 465 | 0.16 |  |
| Q216\_BeforeTravel | Nominal | Before the injury were you able to travel without help? | 1 Yes 6532  2 No 583 | 0.21 |  |
| Q218\_BeforeEmployment | Nominal | Employment before the injury? | 1 Working 3088  2 Looking for work 161  3 Looking after family 104  4 Studying as a student 139  5 Retired 3152  6 None of these (e.g. unfit for work) 381 | 0.52 |  |
| Q220\_BeforeSocial | Nominal | Before the injury did you take part in regular social and leisure activities outside home (at least once a week)? | 1 Yes 6234  2 No 870 | 1.33 |  |
| Q222\_BeforeFriends | Nominal | Before the injury did you have any problems in getting on with friends and relatives? | 1 Yes 403  2 No 6705 | 1.66 |  |
| Q225\_BeforeSimilar | Nominal | Before the injury were similar problems present? | 1 I had no problems before, I had minor problems 5882  2 I had similar problems before 941 | 1.69 |  |

## New Fields

| ID | Type | Description | Statistics | Missing (%) | Histogram |
| --- | --- | --- | --- | --- | --- |
| NF-05 | Ordinal | Enough Support | 1 901  3 1634  5 3049 | 3.57 |  |
| NF-06 | Nominal | Secondary to Primary Comms | 1 688  5 3768 | 23.05 |  |
| NF-07 | Ordinal | Overall organisation interface | 1 258  2 821  3 1657  5 2753 | 5.21 |  |
| NF=-08 | Ordinal | Patient's View of Support | 3 87  4 74  5 63  6 103  7 171  8 141  9 233  10 171  11 646  12 85  13 830  15 1665 | 26.28 |  |
| NF-09 | Ordinal | In Hosp Involvement | 1 173  3 1207  5 3330 | 18.67 |  |
| NF-10 | Ordinal | In Hosp Pain Control | 1 69  3 653  5 4954 | 1.99 |  |
| NF-11 | Ordinal | In Hosp Comms | 1 179  3 996  5 4176 | 7.60 |  |
| NF=-12 | Ordinal | Patient view of Hosp | 3 8  5 18  7 68  9 207  11 514  13 1027  15 2626 | 22.85 |  |
| NF-18 | Numerical | InHospEQ5D(VAS) | min 0.00  max 100.00  mean 54.69  std 23.47  median 55.00 | 1.21 |  |
| NF-20 | Ordinal | GCS\_CombEyes | 1 106  2 25  3 176  4 4495 | 17.08 |  |
| NF-21 | Ordinal | GCS\_CombMotor | 1 58  2 7  3 14  4 26  5 133  6 4563 | 17.10 |  |
| NF-22 | Ordinal | GCS\_CombVerbal | 1 87  2 60  3 39  4 342  5 4273 | 17.10 |  |