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Deputy Mary Butler, TD
Dáil Éireann
Leinster House
Kildare Street
Dublin 2

RE: PQ 41922/19

To ask the Minister for Health the number of persons that required in-hospital treatment for diabetes related foot complications and lower limb loss in each of the years 2014 to 2018 and to date in 2019, in tabular form by CHO and by hospital within each CHO; and if he will make a statement on the matter

Dear Deputy Butler,

The Health Service Executive has been requested to reply directly to you in relation to the above parliamentary question, which you submitted to the Minister for Health for response. I have consulted with the National Clinical Programme for Diabetes on your question and have been informed that the following outlines the position.

Please note the following in relation to this request:

- Information is provided for 2015-2018. The coding classification was updated from ICD-10-AM 6th edition to 8th edition in 2015. With this update there was a major change to the coding of diabetes. Therefore we have not provided information for 2014 for consistency. 2019 is not provided as this file is still open.
- Our coding team have advised that due to the classification of diabetes in ICD-10-AM, the only diabetes complication code that is specific to the foot alone is E1x.73 diabetes mellitus with foot ulcer due to multiple causes. There are a number of other diabetes codes that can relate to complications of the foot but are not specifically classified to that site and may include conditions other than foot related conditions. These codes have not been provided for this request.
- HIPE do not collect information by CHO so a breakdown of hospital only has been provided.



Table 1: Number of discharges with any diagnosis of diabetes with foot ulcer, by patient type and hospital, 2015-2018

| Hospital Name | 2015 | | | 2016 | | | 2017 | | | 2018 | | |
|--|------------|------------|--------------|------------|--------------|--------------|-----------|--------------|--------------|------------|--------------|--------------|
| | Daycase | In-patient | Total | Daycase | In-patient | Total | Daycase | In-patient | Total | Daycase | In-patient | Total |
| St. Columcilles Hospital | 0 | 6 | 6 | 0 | 8 | 8 | 0 | ~ | ~ | 0 | ~ | ~ |
| Naas General Hospital | 0 | 13 | 13 | 0 | 17 | 17 | 0 | 24 | 24 | 0 | 22 | 22 |
| Mater Misericordiae University Hospital | ~ | * | 62 | ~ | * | 74 | ~ | * | 51 | ~ | * | 61 |
| St. Vincents University Hospital | ~ | * | 107 | 10 | 154 | 164 | 13 | 156 | 169 | 294 | 175 | 469 |
| Cappagh National Orthopaedic Hospital | 6 | 11 | 17 | ~ | ~ | 16 | * | ~ | 15 | ~ | ~ | 7 |
| St. Lukes Hospital; Rathgar | 0 | ~ | ~ | 0 | ~ | ~ | 0 | ~ | ~ | ~ | ~ | ~ |
| St. James Hospital; Dublin | 0 | 63 | 63 | 0 | 118 | 118 | ~ | * | 107 | 0 | 114 | 114 |
| Connolly Hospital Blanchardstown | ~ | * | 30 | ~ | * | 44 | ~ | * | 30 | ~ | * | 36 |
| St. Michaels Hospital; Dun Laoghaire | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ~ | ~ | 0 | 0 | 0 |
| Royal Victoria Eye and Ear Hospital; Dublin | 0 | 0 | 0 | ~ | ~ | ~ | 0 | 0 | 0 | 0 | 0 | 0 |
| Beaumont Hospital; Dublin | 35 | 51 | 86 | 118 | 79 | 197 | 11 | 61 | 72 | 33 | 84 | 117 |
| Tallaght University Hospital | 118 | 77 | 195 | 0 | 91 | 91 | ~ | * | 127 | 0 | 136 | 136 |
| St. Josephs Hospital; Raheny | 0 | ~ | ~ | ~ | * | 11 | 0 | ~ | ~ | 0 | 8 | 8 |
| University Hospital Waterford | ~ | * | 58 | 11 | 51 | 62 | 9 | 67 | 76 | 10 | 72 | 82 |
| St. Lukes General Hospital; Kilkenny | 0 | 17 | 17 | 0 | 25 | 25 | 0 | 14 | 14 | 0 | 13 | 13 |
| Wexford General Hospital | 0 | 22 | 22 | 0 | 36 | 36 | 0 | 14 | 14 | 0 | 34 | 34 |
| South Tipperary General Hospital; Clonmel | 0 | 7 | 7 | 0 | ~ | ~ | 0 | 7 | 7 | 0 | 6 | 6 |
| Bantry General Hospital | ~ | * | 15 | ~ | * | 7 | 0 | 11 | 11 | 0 | 15 | 15 |
| Mercy University Hospital; Cork | ~ | * | 15 | 0 | ~ | ~ | 0 | 14 | 14 | 6 | 37 | 43 |
| South Infirmary Victoria University Hospital | 0 | 0 | 0 | ~ | 0 | ~ | 0 | 0 | 0 | 0 | 0 | 0 |
| Mallow General Hospital | ~ | 6 | 7 | 0 | ~ | ~ | 0 | ~ | ~ | 0 | ~ | ~ |
| Cork University Hospital | ~ | * | 79 | ~ | * | 81 | ~ | * | 60 | ~ | * | 99 |
| University Hospital Kerry | 0 | ~ | ~ | 0 | ~ | ~ | 0 | 12 | 12 | ~ | * | 19 |
| University Hospital Limerick | ~ | * | 50 | 0 | 87 | 87 | ~ | * | 103 | ~ | * | 142 |
| Croom Hospital | 0 | ~ | ~ | 0 | ~ | ~ | 0 | ~ | ~ | ~ | ~ | ~ |
| St. Johns Hospital; Limerick | 0 | ~ | ~ | 0 | ~ | ~ | 0 | ~ | ~ | 0 | ~ | ~ |
| UL Hospitals; Ennis Hospital | 0 | ~ | ~ | 0 | ~ | ~ | 0 | 8 | 8 | 0 | 8 | 8 |
| UL Hospitals; Nenagh Hospital | 0 | 0 | 0 | 0 | ~ | ~ | 0 | 0 | 0 | 0 | 0 | 0 |
| Roscommon County Hospital | ~ | ~ | ~ | ~ | 0 | ~ | ~ | * | 8 | 0 | ~ | ~ |
| Portiuncula Hospital; Ballinasloe | 0 | ~ | ~ | 0 | 11 | 11 | 0 | ~ | ~ | 0 | ~ | ~ |
| Galway University Hospitals | ~ | 69 | 72 | 38 | 118 | 156 | ~ | * | 169 | 7 | 175 | 182 |
| Mayo University Hospital | 0 | 8 | 8 | 0 | 16 | 16 | 0 | ~ | ~ | 0 | 18 | 18 |
| Midland Regional Hospital; Tullamore | 0 | 35 | 35 | 0 | 28 | 28 | 0 | 27 | 27 | 16 | 22 | 38 |
| Midland Regional Hospital; Mullingar | 0 | 16 | 16 | ~ | * | 23 | ~ | * | 29 | 0 | 26 | 26 |
| Midland Regional Hospital; Portlaoise | 0 | 9 | 9 | 0 | 27 | 27 | 0 | 15 | 15 | 0 | 14 | 14 |
| Letterkenny University Hospital | ~ | 12 | 13 | 0 | 10 | 10 | 0 | 7 | 7 | 0 | 17 | 17 |
| Sligo University Hospital | 0 | 27 | 27 | 0 | 30 | 30 | ~ | * | 58 | ~ | * | 47 |
| Our Lady of Lourdes Hospital; Drogheda | 0 | 10 | 10 | 0 | 24 | 24 | 0 | 61 | 61 | ~ | * | 58 |
| Cavan General Hospital | 0 | 24 | 24 | 0 | 30 | 30 | 0 | 30 | 30 | 0 | 37 | 37 |
| Louth County Hospital; Dundalk | 0 | 0 | 0 | ~ | 0 | ~ | 0 | 0 | 0 | 0 | 0 | 0 |
| Our Ladys Hospital; Navan | 0 | 0 | 0 | 0 | ~ | ~ | 0 | ~ | ~ | 0 | ~ | ~ |
| Total | 191 | 900 | 1,091 | 210 | 1,225 | 1,435 | 71 | 1,275 | 1,346 | 388 | 1,500 | 1,888 |
| ~ Denotes five or fewer discharges reported to HIPE | | | | | | | | | | | | |
| * Further suppression required to prevent disclosure of five or fewer discharges | | | | | | | | | | | | |



Definitions:

- In the table above, day cases may include repeat dialysis encounters or discharges for any other cause. Therefore we have split this table by patient type (day-case and in-patient).
- All figures above represent discharge of those with any diagnosis of diabetes with foot ulcer from acute hospitals. Please note that the presenting complaint in every instance may not have been diabetes related foot complications.
- Any Diagnosis is composed of the principal diagnosis and additional diagnoses reported. From 2011 HIPE collects a principal diagnosis and up to 29 additional diagnoses per discharge.
- Principal Diagnosis is the diagnosis established after study to be chiefly responsible for occasioning an episode of admitted patient care, an episode of residential care, or an attendance at the health care establishment, as represented by a code.
- Additional Diagnoses refer to conditions or complaints either coexisting with the principal diagnosis or arising during the episode of admitted patient care, episode of residential care or attendance at a health care establishment, as represented by a code.
- Source: National Casemix and Classification Centre (NCCC), 2013: The International Statistical Classification of Diseases, Tenth Revision, Australian Modification (8th Ed): Australian Coding Standards. NCCC, Australian Health Services Research Institute, University of Wollongong.
- Foot Ulcer: any diagnosis of E10.73 Type 1 diabetes mellitus with foot ulcer due to multiple causes, E11.73 Type 2 diabetes mellitus with foot ulcer due to multiple causes, E13.73 Other specified diabetes mellitus with foot ulcer due to multiple causes, E14.73 Unspecified diabetes mellitus with foot ulcer due to multiple causes
- *"Please note that due to the classification of diabetes in ICD-10-AM, the only diabetes complication code that is specific to the foot alone is E1x.73 diabetes mellitus with foot ulcer due to multiple causes. There are a number of other diabetes codes that can relate to complications of the foot but are not specifically classified to that site and may include conditions other than foot related conditions. These codes have not been provided here."*



Table 2: Number of discharges with any diagnosis of diabetes and a lower limb amputation, by hospital, 2015-2018

| Hospital Name | 2015 | 2016 | 2017 | 2018 |
|--|------------|------------|------------|------------|
| Our Lady's Children's Hospital, Crumlin | 0 | 0 | 0 | 0 |
| Mater Misericordiae University Hospital | 36 | 37 | 47 | 45 |
| St. Vincents University Hospital | 48 | 53 | 47 | 66 |
| Cappagh National Orthopaedic Hospital | ~ | ~ | 0 | ~ |
| St. James's Hospital; Dublin | 44 | 55 | 59 | 67 |
| Connolly Hospital Blanchardstown | 11 | 12 | 6 | 8 |
| Beaumont Hospital; Dublin | 30 | 32 | 42 | 47 |
| Tallaght University Hospital | 54 | 62 | 88 | 116 |
| University Hospital Waterford | 36 | 34 | 41 | 54 |
| St. Lukes General Hospital; Kilkenny | ~ | ~ | ~ | ~ |
| Wexford General Hospital | ~ | ~ | 0 | 0 |
| Mercy University Hospital; Cork | 11 | 15 | 31 | 27 |
| South Infirmary Victoria University Hospital | 0 | ~ | 0 | 0 |
| Mallow General Hospital | ~ | ~ | ~ | 0 |
| Cork University Hospital | 36 | 39 | 27 | 43 |
| University Hospital Kerry | ~ | 8 | ~ | ~ |
| University Hospital Limerick | 58 | 67 | 56 | 72 |
| Croom Hospital | 0 | 0 | 0 | ~ |
| St. Johns Hospital; Limerick | ~ | 0 | 0 | 0 |
| Galway University Hospitals | 61 | 78 | 83 | 76 |
| Mayo University Hospital | 0 | 0 | ~ | ~ |
| Midland Regional Hospital; Tullamore | 6 | ~ | ~ | ~ |
| Midland Regional Hospital; Mullingar | ~ | ~ | ~ | ~ |
| Midland Regional Hospital; Portlaoise | ~ | 0 | 0 | 0 |
| Letterkenny University Hospital | ~ | ~ | ~ | 0 |
| Sligo University Hospital | ~ | 0 | ~ | ~ |
| Our Lady of Lourdes Hospital; Drogheda | ~ | 0 | ~ | ~ |
| Cavan General Hospital | ~ | ~ | 0 | 0 |
| Our Ladys Hospital; Navan | 0 | ~ | 0 | 0 |
| Total | 451 | 513 | 547 | 641 |

~ Denotes five or fewer discharges reported to HIPE

Definitions:

- Any Diagnosis is composed of the principal diagnosis and additional diagnoses reported. From 2011 HIPE collects a principal diagnosis and up to 29 additional diagnoses per discharge.
- Principal Diagnosis is the diagnosis established after study to be chiefly responsible for occasioning an episode of admitted patient care, an episode of residential care, or an attendance at the health care establishment, as represented by a code.
- Additional Diagnoses refer to conditions or complaints either coexisting with the principal diagnosis or arising during the episode of admitted patient care, episode of residential care or attendance at a health care establishment, as represented by a code.
- Source: National Casemix and Classification Centre (NCCC), 2013: The International Statistical Classification of Diseases, Tenth Revision, Australian Modification (8th Ed): Australian Coding Standards. NCCC, Australian Health Services Research Institute, University of Wollongong.
- Full or Partial lower limb Amputation: any procedure with a code of 44367-01 Disarticulation at knee, 44367-02 Amputation below knee, 44370-00 Amputation at hip, 44373-00 Hindquarter amputation, 44367-00 Amputation above knee, 44338-00 Amputation of Toe, 44358-00 Amputation of toe including metatarsal bone, 90557-00 Disarticulation through toe, 44361-00 Disarticulation through ankle, 44364-00 Midtarsal

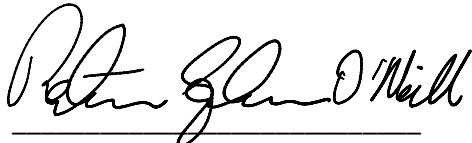


amputation, 44364-01 Transmetatarsal amputation, 44361-01 Amputation of ankle through malleoli of tibia and fibula.

- It is worth noting that an early minor amputation can prevent a later major amputation
- Diabetes mellitus: any diagnosis with a code of E10 Type 2 Diabetes, E11 Type 2 diabetes, E13 Other specified diabetes mellitus, E14 Unspecified diabetes mellitus

I trust this information is of assistance to you but should you have any further queries please do not hesitate to contact me.

Yours sincerely,



Patricia Gilsean O'Neill
General Manager

