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9th June, 2023

Deputy Róisín Shortall, TD
Dáil Éireann
Leinster House
Kildare Street
Dublin 2

**RE: PQ 21951/23, PQ 21952/23, PQ 21953/23, PQ 21954/23, PQ 21955/23, PQ 21956/23,
PQ 21957/23, PQ 21958/23,**

PQ 21951/23_ To ask the Minister for Health the total number of full and partial lower limb amputations that were carried out in 2020, 2021 and 2022; the number of these patients, by county, who had diabetes; and if he will make a statement on the matter

PQ 21952/23 - To ask the Minister for Health the number of patients, by county, treated for foot ulcerations which did not require a full or partial limb amputation in 2020, 2021 and 2022; the number of those patients who had diabetes; and if he will make a statement on the matter

PQ 21953/23_ To ask the Minister for Health the number of patients under the age of 65 years by county treated for foot ulcerations which did not require a full or partial limb amputation in 2020, 2021 and 2022; the number of those patients who had diabetes; and if he will make a statement on the matter

PQ 21954/23_ To ask the Minister for Health the number of full and partial lower limb amputations that were carried out in 2021 and 2022, by county, on persons under 65 years of age; the number of these patients who had diabetes; and if he will make a statement on the matter

PQ 21955/23_ To ask the Minister for Health the number of bed days required by patients treated for foot ulcerations which did not require a full or partial limb amputation in the years 2020, 2021 and 2022; the number of those patients who had diabetes; and if he will make a statement on the matter

PQ 21956/23_ To ask the Minister for Health the number of hospital bed days required by patients, by county, treated for foot ulcerations which did not require a full or partial limb amputation in the years 2020, 2021 and 2022; the number of those patients who had diabetes; and if he will make a statement on the matter

PQ 21957/23_ To ask the Minister for Health the number of hospital bed days required by patients undergoing full and partial lower limb amputations procedures, by county, on persons under 65 years of age in the years 2020, 2021 and 2022; the number of these patients who had diabetes, in tabular form; and if he will make a statement on the matter

PQ 21958/23_ To ask the Minister for Health the number of hospital bed days required by patients, by county, on persons under 65 years of age; treated for foot ulcerations which did not require a full or partial limb amputation in the years 2020, 2021 and 2022; the number of those patients who had diabetes; and if he will make a statement on the matter

Dear Deputy Shortall,

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 (NCP) for Diabetes on your question and have been informed that the following outlines the position.

Limb loss is one of the most devastating complications of diabetes and represents an enormous burden on the individual, their families and on the health and social care system in general. In addition, diabetic foot disease accounts for a significant proportion of health service expenditure. Reducing the number of diabetes related foot ulcers and amputations remains one of the NCP Diabetes major aims.

The first Model of Care to be published by the NCP Diabetes was the Model of Care for the Diabetic Foot 2011, which has been further updated and re-launched in December 2021. In line with international best evidence it calls for an equitable standardised foot screening process, risk status to be defined and a clinical care and management plan to be recommended for each category. It calls for initial foot screening to occur in general practice, the at –risk foot to be treated in the community setting by the foot protection team and the active foot to receive care in the hospital setting by the multidisciplinary diabetic foot team.

The NCP for Diabetes updated the Model of Care for the Diabetic Foot (2021) with a view to clarifying the roles and responsibilities of the various members of the multidisciplinary team involved in managing patients with (or at risk of) foot ulceration. This updated Model of Care emphasises the importance of joined up working across primary, secondary and tertiary care with clarification of referral pathways between the different sectors.

In line with the vision set out by Sláintecare, the HSE Enhanced Community Care (ECC) programme is a new, targeted reform programme that aims to resource and scale-up community healthcare services nationally, including specialist diabetes teams (podiatrists, dietitians and nurses), in line with the National Framework for the Integrated Prevention and Management of Chronic Disease in Ireland (2020-2025).

As part of this initiative, extensive funding has been secured to develop 30 specialist ambulatory care hubs that will each serve approximately three community healthcare networks [CHNs] (a population of approximately 150,000). These hubs will deliver specialist services to all eligible patients, thereby supporting General Practices (GPs) to provide a spectrum of care enabling people with chronic disease to be cared for in the community.

To enhance diabetes care in the community, each specialist ambulatory care hub will be resourced with the following diabetes specialist staff:

- Three (3) Clinical Nurse Specialists Diabetes Integrated Care;
- Three (3) Senior Dietitians (Diabetes);
- Three (3) Staff Grade Dietitians (Diabetes Prevention);

- Three (3) Podiatrists (comprising 1 Clinical Specialist, 1 Senior Podiatrist and 1 Staff Grade Podiatrists).

Specific data information for each of the PQs listed above is included in a number of tables below.

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



Anne Horgan
General Manager

	2020											
	Total number of discharges and bed days for patients treated for foot ulcerations which did not require a full or partial limb amputation						Total number of discharges and bed days for patients treated for foot ulcerations which did not require a full or partial limb amputation, who had diabetes					
	0-64 years		65 years and over		Total		0-64 years		65 years and over		Total	
	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days
Carlow	15	202	59	676	74	877	~	^	*	^	38	531
Cavan	20	175	98	941	118	1,116	7	105	28	512	35	617
Clare	26	251	130	1,314	156	1,565	17	111	61	761	78	872
Cork	114	1,706	309	4,842	423	6,547	72	1,212	184	3,098	256	4,310
Donegal	19	108	82	1,108	101	1,216	6	32	50	741	56	773
Dublin	451	5,210	904	17,097	1,355	22,307	215	2,772	292	7,262	507	10,034
Galway	56	487	106	1,591	162	2,078	48	313	64	842	112	1,155
Kerry	32	603	84	1,028	116	1,630	19	418	39	402	58	820
Kildare	30	494	84	2,088	114	2,582	16	238	51	1,227	67	1,465
Kilkenny	27	187	71	810	98	997	15	136	28	443	43	578
Laois	18	109	52	583	70	692	14	100	25	340	39	440
Leitrim	~	^	*	^	51	555	0	0	18	222	18	222
Limerick	49	517	161	2,415	210	2,931	34	390	98	1,746	132	2,136
Longford	12	289	31	354	43	642	~	^	*	^	24	362
Louth	64	547	190	1,970	254	2,517	25	358	83	1,127	108	1,485
Mayo	24	282	83	1,234	107	1,516	20	255	41	746	61	1,000
Meath	45	464	152	2,392	197	2,856	22	399	38	932	60	1,331
Monaghan	15	228	65	949	80	1,177	~	^	*	^	29	653
Offaly	12	129	55	854	67	983	~	^	*	^	35	402
Roscommon	*	^	*	^	78	1,257	8	131	31	492	39	623
Sligo	26	298	113	1,392	139	1,690	14	198	61	721	75	919
Tipperary	37	281	121	1,464	158	1,745	25	233	57	678	82	911
Waterford	25	335	57	1,097	82	1,432	20	292	38	773	58	1,065

Westmeath	22	174	73	752	95	926	10	53	30	412	40	465
Wexford	218	606	141	1,709	359	2,315	209	332	100	1,295	309	1,626
Wicklow	144	1,137	75	2,298	219	3,435	133	887	44	1,638	177	2,525
All	1,513	14,955	3,413	52,624	4,926	67,578	966	9,227	1,570	28,087	2,536	37,314

	2021											
	Total number of discharges and bed days for patients treated for foot ulcerations which did not require a full or partial limb amputation						Total number of discharges and bed days for patients treated for foot ulcerations which did not require a full or partial limb amputation, who had diabetes					
	0-64 years		65 years and over		Total		0-64 years		65 years and over		Total	
	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days
Carlow	13	130	54	579	67	708	6	29	32	379	38	408
Cavan	15	186	81	651	96	837	~	^	*	^	24	402
Clare	18	243	103	1,218	121	1,461	11	149	49	594	60	742
Cork	115	1,195	316	5,096	431	6,291	69	818	148	2,726	217	3,544
Donegal	18	304	64	1,249	82	1,553	6	94	28	520	34	614
Dublin	520	5,266	915	14,567	1,435	19,833	278	2,991	309	6,628	587	9,619
Galway	40	611	168	3,083	208	3,694	28	424	82	1,608	110	2,031
Kerry	14	89	81	1,121	95	1,210	8	54	30	467	38	521
Kildare	44	632	107	1,728	151	2,360	37	589	52	965	89	1,554
Kilkenny	19	231	92	1,731	111	1,962	15	194	35	651	50	845
Laois	22	293	49	389	71	681	19	287	31	241	50	528
Leitrim	6	24	24	308	30	331	~	^	*	^	16	177
Limerick	52	468	138	1,877	190	2,345	38	357	72	871	110	1,228
Longford	15	487	39	590	54	1,077	8	53	21	424	29	476
Louth	72	308	214	2,291	286	2,598	31	228	77	1,245	108	1,473
Mayo	33	307	87	1,624	120	1,931	26	257	58	1,058	84	1,315
Meath	41	379	163	1,864	204	2,243	17	266	63	974	80	1,240
Monaghan	18	128	75	536	93	664	7	103	21	192	28	295
Offaly	13	173	59	969	72	1,142	10	144	26	471	36	615
Roscommon	21	334	89	1,601	110	1,935	15	279	47	1,003	62	1,282
Sligo	25	597	103	1,157	128	1,754	13	344	44	438	57	782
Tipperary	43	434	120	1,752	163	2,186	36	397	62	922	98	1,319
Waterford	20	263	80	1,524	100	1,787	11	185	47	987	58	1,172

Westmeath	20	302	57	737	77	1,038	15	141	28	425	43	565
Wexford	82	748	164	1,772	246	2,520	70	649	90	805	160	1,454
Wicklow	184	228	145	3,097	329	3,324	170	177	98	1,911	268	2,088
All	1,483	14,353	3,587	53,106	5,070	67,459	953	9,378	1,581	26,905	2,534	36,282

	2022											
	Total number of discharges and bed days for patients treated for foot ulcerations which did not require a full or partial limb amputation						Total number of discharges and bed days for patients treated for foot ulcerations which did not require a full or partial limb amputation, who had diabetes					
	0-64 years		65 years and over		Total		0-64 years		65 years and over		Total	
	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days
Carlow	15	342	44	801	59	1,143	9	193	29	589	38	782
Cavan	33	282	118	1,212	151	1,494	11	135	69	783	80	918
Clare	27	245	118	1,393	145	1,638	15	176	42	751	57	927
Cork	99	1,658	289	5,308	388	6,966	69	1,289	138	2,442	207	3,731
Donegal	18	368	104	1,907	122	2,275	8	97	59	932	67	1,029
Dublin	442	6,341	930	18,595	1,372	24,936	169	4,243	438	8,450	607	12,693
Galway	36	600	144	3,063	180	3,662	27	433	81	1,702	108	2,134
Kerry	24	548	91	1,775	115	2,323	15	357	44	806	59	1,163
Kildare	41	675	115	2,286	156	2,961	26	299	65	1,551	91	1,850
Kilkenny	34	416	94	1,571	128	1,986	22	224	37	450	59	674
Laois	35	453	54	647	89	1,100	29	422	23	286	52	708
Leitrim	10	118	31	522	41	639	~	^	*	^	14	208
Limerick	74	683	240	3,664	314	4,347	43	389	144	2,269	187	2,658
Longford	10	85	51	559	61	643	~	^	*	^	33	381
Louth	96	514	185	1,938	281	2,452	48	358	71	859	119	1,217
Mayo	24	349	101	1,983	125	2,331	20	309	57	1,290	77	1,598
Meath	63	445	185	2,331	248	2,776	24	305	57	837	81	1,142
Monaghan	15	121	75	1,130	90	1,250	9	112	28	565	37	677
Offaly	19	247	60	942	79	1,188	10	132	34	660	44	792
Roscommon	12	347	52	985	64	1,332	11	345	23	417	34	762
Sligo	31	473	91	1,730	122	2,203	15	139	43	835	58	974
Tipperary	55	575	139	2,547	194	3,122	40	441	73	1,183	113	1,624
Waterford	23	228	92	1,708	115	1,936	10	141	43	729	53	870

Westmeath	11	158	66	958	77	1,116	8	87	29	560	37	647
Wexford	47	694	154	2,327	201	3,021	39	597	93	1,363	132	1,960
Wicklow	169	309	232	2,043	401	2,352	165	245	193	744	358	989
All	1,463	17,268	3,855	63,918	5,318	81,186	852	11,542	1,950	31,560	2,802	43,102

~ denotes 5 or fewer discharges reported to HIPE

* denotes discharges that have been suppressed for reasons of confidentiality, to ensure that cells with 5 or less discharges are not disclosed

^ denotes that bed days are suppressed where the number of discharges are not reported

	2020											
	Total number of discharges and bed days for patients undergoing full or partial lower limb amputations procedures						Total number of discharges and bed days for patients undergoing full or partial lower limb amputations procedures, who had diabetes					
	0-64 years		65 years and over		Total		0-64 years		65 years and over		Total	
	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days
Carlow	6	65	8	334	14	399	~	^	*	^	8	310
Cavan	~	^	*	^	11	219	~	^	*	^	10	218
Clare	8	88	13	278	21	366	6	81	11	195	17	276
Cork	33	1,223	60	1,716	93	2,939	20	605	34	996	54	1,601
Donegal	~	^	*	^	24	352	0	0	15	244	15	244
Dublin	112	5,285	131	5,536	243	10,821	81	3,409	105	4,643	186	8,052
Galway	13	211	28	1,014	41	1,225	6	168	18	636	24	804
Kerry	~	^	*	^	19	505	~	^	*	^	12	298
Kildare	15	427	21	400	36	827	10	161	16	264	26	425
Kilkenny	*	^	~	^	11	204	*	^	~	^	9	202
Laois	6	40	17	545	23	585	~	^	*	^	12	153
Leitrim	~	^	*	^	10	384	~	^	~	^	~	^
Limerick	20	371	25	625	45	996	13	320	18	449	31	769
Longford	~	^	*	^	9	199	0	0	6	187	6	187
Louth	7	521	12	283	19	804	~	^	*	^	11	727
Mayo	11	479	21	451	32	930	6	189	15	359	21	548
Meath	8	260	13	427	21	686	7	259	10	265	17	524
Monaghan	~	^	*	^	10	265	~	^	*	^	9	249
Offaly	~	^	*	^	10	169	~	^	~	^	7	162
Roscommon	6	240	7	125	13	365	~	^	~	^	10	306
Sligo	~	^	*	^	13	528	~	^	*	^	9	441
Tipperary	17	635	25	464	42	1,099	12	304	14	222	26	526
Waterford	9	191	27	935	36	1,126	8	147	20	578	28	725

Westmeath	7	361	12	400	19	761	*	^	~	^	11	209
Wexford	16	294	20	432	36	726	9	182	13	228	22	410
Wicklow	18	818	11	361	29	1,179	13	794	9	328	22	1,122
All	346	12,359	534	16,296	880	28,655	228	8,109	380	11,480	608	19,589

	2021											
	Total number of discharges and bed days for patients undergoing full or partial lower limb amputations procedures						Total number of discharges and bed days for patients undergoing full or partial lower limb amputations procedures, who had diabetes					
	0-64 years		65 years and over		Total		0-64 years		65 years and over		Total	
	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days
Carlow	8	68	11	266	19	334	7	67	9	161	16	228
Cavan	6	139	7	87	13	226	~	^	~	^	6	168
Clare	11	165	17	312	28	477	8	141	11	203	19	344
Cork	33	681	71	1,894	104	2,575	17	469	48	1,385	65	1,854
Donegal	8	109	10	178	18	287	~	^	~	^	9	175
Dublin	100	3,372	129	4,468	229	7,840	71	2,501	80	2,507	151	5,008
Galway	15	527	24	681	39	1,208	9	446	18	535	27	981
Kerry	8	204	29	801	37	1,005	~	^	*	^	19	426
Kildare	18	921	25	545	43	1,466	12	179	23	514	35	693
Kilkenny	13	318	11	274	24	592	11	286	6	158	17	444
Laois	11	161	10	188	21	349	8	120	7	111	15	231
Leitrim	~	^	~	^	7	385	~	^	~	^	~	^
Limerick	20	856	29	607	49	1,463	14	137	19	277	33	414
Longford	~	^	~	^	10	242	~	^	~	^	7	179
Louth	13	199	9	169	22	368	11	191	6	158	17	349
Mayo	20	333	19	553	39	886	14	281	8	286	22	567
Meath	9	106	26	704	35	810	~	^	*	^	27	663
Monaghan	6	71	10	231	16	302	~	^	*	^	11	174
Offaly	~	^	~	^	6	90	0	0	~	^	~	^
Roscommon	~	^	*	^	11	432	~	^	*	^	9	349
Sligo	~	^	*	^	8	183	~	^	~	^	6	167
Tipperary	17	417	29	781	46	1,198	11	324	24	688	35	1,012
Waterford	8	77	26	708	34	785	~	^	*	^	21	435

Westmeath	~	^	*	^	19	427	~	^	*	^	12	247
Wexford	20	301	18	667	38	968	15	291	14	492	29	783
Wicklow	12	223	25	509	37	732	8	161	21	473	29	634
All	374	9,675	578	15,948	952	25,623	251	6,329	394	10,346	645	16,675

	2022											
	Total number of discharges and bed days for patients undergoing full or partial lower limb amputations procedures						Total number of discharges and bed days for patients undergoing full or partial lower limb amputations procedures, who had diabetes					
	0-64 years		65 years and over		Total		0-64 years		65 years and over		Total	
	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days	Discharges	Bed days
Carlow	*	^	~	^	14	443	~	^	~	^	~	^
Cavan	~	^	*	^	13	541	~	^	*	^	7	189
Clare	18	358	15	337	33	695	13	289	11	228	24	517
Cork	37	1,080	53	1,337	90	2,417	25	977	32	755	57	1,732
Donegal	11	181	17	507	28	687	~	^	*	^	18	403
Dublin	104	2,724	138	4,771	242	7,495	85	1,867	101	3,230	186	5,097
Galway	22	1,491	35	1,957	57	3,448	12	909	22	1,144	34	2,053
Kerry	7	120	20	386	27	505	~	^	*	^	20	394
Kildare	18	114	25	815	43	928	14	96	17	544	31	640
Kilkenny	~	^	*	^	17	402	~	^	~	^	9	225
Laois	~	^	*	^	16	273	~	^	*	^	11	251
Leitrim	~	^	~	^	~	^	~	^	0	0	~	^
Limerick	28	586	61	1,595	89	2,181	23	479	44	999	67	1,478
Longford	0	0	7	263	7	263	0	0	~	^	~	^
Louth	10	221	6	98	16	319	~	^	~	^	7	121
Mayo	12	376	22	597	34	973	9	358	17	454	26	812
Meath	11	123	22	533	33	656	8	78	12	330	20	408
Monaghan	~	^	~	^	8	187	~	^	~	^	~	^
Offaly	*	^	~	^	10	243	~	^	~	^	9	235
Roscommon	6	147	7	288	13	435	~	^	*	^	10	369
Sligo	~	^	*	^	10	351	~	^	*	^	8	320
Tipperary	21	356	24	544	45	900	17	334	13	272	30	606
Waterford	8	174	21	778	29	952	~	^	*	^	17	387

Westmeath	~	^	~	^	7	103	~	^	~	^	~	^
Wexford	18	503	22	560	40	1,062	15	461	17	462	32	923
Wicklow	14	800	26	929	40	1,729	11	320	19	465	30	784
All	383	10,300	583	18,061	966	28,361	277	6,987	394	11,370	671	18,357

~ denotes 5 or fewer discharges reported to HIPE

* denotes discharges that have been suppressed for reasons of confidentiality, to ensure that cells with 5 or less discharges are not disclosed

^ denotes that bed days are suppressed where the number of discharges are not reported

Notes:

The figures quoted include data from all publicly funded acute hospitals which were included on the Hospital In-patient Enquiry (HIPE) system during 2020, 2021 and 2022.

In-patient and day case discharges are reported only; ED and Out-patient attendances are not recorded on HIPE. Patients of No Fixed Abode or not normally resident in Ireland have been excluded.

It is important to note that this data is based on hospital discharges only and does not include patients undergoing treatment who are not admitted to hospital. 2020, 2021 and 2022 data does not include public activity which was conducted in private hospitals under the private hospitals contracts.

Furthermore, the data is based on hospitalisations which may include multiple admissions for the same patient. Therefore the data presented here cannot be construed as an estimate of the prevalence of the treatment specified.

For every discharge HIPE captures a principal diagnosis and up to 29 additional diagnoses, and up to 20 procedures, in addition to administrative and demographic information.

Diagnosis and Procedures are coded using ICD-10-AM/ACHI/ACS (1015-1019 used the 8th edition. From 2020 the 10th edition is used).

ICD-10-AM is the International Statistical Classification of Diseases and Related Health Problems, Tenth Revision, Australian Modification.

The ICD-10-AM disease component is based on the World Health Organisation (WHO) ICD-10. ICD-10-AM is used in conjunction with the Australian Classification of Health Interventions (ACHI), and the Australian Coding Standards (ACS) to reflect an accurate health episode of care.

Definitions used:

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

Diabetes: any diagnosis with a code of E10 Type 1 Diabetes, E11 Type 2 diabetes, E13 Other specified diabetes mellitus, E14 Unspecified diabetes mellitus

County: The county of residence code identifies the place where the person would normally reside, i.e. 'home address'. Those from a foreign country that are now resident in Ireland would have a code assigned for where they now live in Ireland.

Bed Days: number of days between admission date and discharge date, where admission date is equal to discharge date the bed day has been set to 0.5 days

