



Oifig Stiúrthóir na Seirbhíse Náisiúnta Otharcharranna,
An tSeirbhís Náisiúnta Otharcharranna,
Áras na hAbhann,
Crosbhóthar Thamhlachta,
Tamlachta,
Baile Áth Cliath D24 XNP2
Fón 01 4631624/6.
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Ref: SD/PQ/211109

9 November 2021

Deputy Martin Browne
Dáil Éireann
Leinster House
Dublin 2

PQ47490/21

To ask the Minister for Health the number of ambulances in service in south eastern and mid-west HSE regions in each of the years since 2016; the number of staff employed in the ambulance service in both regions for the same period; and if he will make a statement on the matter. -Martin Browne

PQ49421/21

To ask the Minister for Health the number of paramedics employed by the National Ambulance Service by county in each of the past five years in tabular form. -Martin Browne

PQ49422/21

To ask the Minister for Health the number of National Ambulance Service ambulances by county in each of the past five years in tabular form - Martin Browne. -Martin Browne

PQ51601/21

To ask the Minister for Health his plans for capacity planning and reform within the National Ambulance Service. - Martin Browne

PQ51602/21

To ask the Minister for Health the average response time of ambulances in the south-east area; the number of ambulances ordinarily based at each location; and if he will make a statement on the matter. - Martin Browne

PQ51603/21

To ask the Minister for Health the average response time of ambulances in the mid-west area; the number of ambulances ordinarily based at each location; and if he will make a statement on the matter. - Martin Browne

PQ51604/21

To ask the Minister for Health the number of paramedics assigned to ambulance services in the south-east area; and the optimum number of paramedics that should serve that area. - Martin Browne

PQ51605/21

To ask the Minister for Health the number of paramedics assigned to ambulance services in the mid-west area; and the optimum number of paramedics that should serve that area. - Martin Browne



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Dear Deputy Browne,

The Health Service Executive has been requested to reply directly to you in the context of the above Parliamentary Questions, which you submitted to the Minister for Health for response.

The National Ambulance Service (NAS) is divided into 3 Operational Areas, North Leinster, West and South. Not all 112/999 calls for ambulances are emergencies and response times targets which are set out in the HSE's National Service Plan apply to ECHO (Life threatening cardiac or respiratory arrest) or DELTA (life threatening illness or injury, other than cardiac arrest) calls only. For example, a patient experiencing a heart attack is a DELTA call and encompassed by response time targets while a sports injury to the wrist or ankle is clinical triaged as not being a life threatening illness or injury. While the latter calls are distressing for patients or their families, these calls are not encompassed by response time targets and this delineation is often lost in public discourse.

Since 2015, demand for NAS is increasing annually at least 3.4% which represents an overall increase of 20% with the most critical ECHO (Life threatening cardiac or respiratory arrest) calls increasing by 6.4% annually, an overall increase of 38.7% since 2015 and a similar increase in DELTA (life threatening illness or injury, other than cardiac arrest). In the context of rising demand which regularly exceeds capacity, losing at least 5% of emergency ambulance capacity to arrival to handover delays at Emergency Departments (ED) impacts on the NAS ability to respond to 112/999 calls in a timely manner.

On average, 25% of all ED attendances originate from a 112/999 emergency call hence a key improvement focus for NAS is demand management, ED avoidance and improved patient experience. In this regard, the NAS National Emergency Operations Centre (NEOC) also contains the NAS Clinical Hub which is staffed by Doctors and Nurses providing triage and referral to alternative care pathways for lower acuity 112/999 calls. While this hub is at an embryonic stage of development in terms of capacity and potential throughput, at least 50% of the low acuity calls referred to the hub (calls not previously triaged by a clinician) were resolved by the hub without the need for an emergency ambulance or referral to ED.

The capacity of the NAS was last reviewed in 2014 and since then, over 500 staff have been recruited. However, NAS believe a further capacity analysis is required to inform future workforce planning and in this regard, NAS has commissioned an independent analysis of demand and capacity to develop the evidence base to support workforce planning requirements. At this time, NAS estimate a requirement for an additional 90 emergency ambulances on duty every day which reflects a requirement for approx. 1000 extra staff.

There is no ready supply of Paramedics in Ireland and NAS for the most part must educate their own workforce in their own college. The Paramedic Programme is degree level and takes four academic years which NAS delivers in partnership with University College Cork over three calendar years.





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There are currently over 200 Student Paramedics are different stages of the programme right now.

As of 1 October 2021, NAS have redeployed up to 45 Paramedics from COVID related work to emergency ambulance duty and a further 80 Paramedics are due to graduate from the college at year end. NAS are also working with trade union partners to develop temporary alterations to the current deployment model to minimise the impact of the capacity challenges on staff. There is no intention to return to a geographically limited model which would re-introduce inherent patient safety risk.

Vehicle Profile

Emergency Ambulance and Intermediate Care Vehicles only

	Leinster	West	North West	Mid West	South	South East
2016	94	43	36	33	52	41
2017	102	46	37	36	55	42
2018	116	48	39	34	55	44
2019	115	50	36	36	61	40
2020	105	49	35	35	55	44

Please note that this is not a list of vehicles on duty on a daily basis as the NAS has rosters in place for resourcing in line with its operational procedures.

It should also be noted that all NAS resources are dynamically deployed to calls across the country on a nearest available (to the incident) basis and not on a county boundary basis to respond to incidents as they arise to ensure the nearest available resource responds to emergencies.



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Average Response times 2019, 2020 & Jan to Sep 21 by Region

Please note due to a change on the Managed Information System (MIS) we are only able to report from 2019 onwards

Category 1 Calls - Average Response Times (hh:mm)	
2019	
NORTH LEINSTER	00:17
SOUTHERN	00:20
WESTERN	00:18
2020	
NORTH LEINSTER	00:18
SOUTHERN	00:21
WESTERN	00:18
2021 Jan - Sep	
NORTH LEINSTER	00:21
SOUTHERN	00:25
WESTERN	00:22

Staff Census

(Source; HSE Workforce Intelligence Reports)

South by staff group

Sep 2021 (Dec 2020 figure: 495)	WTE Aug 2021	WTE Sep 2021	WTE change since Aug 21	% change since Aug 21	WTE change since Dec 20	WTE change since Sep 20
Overall	475	476	+1	+0.2%	-19	-17
SHO/ Interns	1	1			+1	+1
Medical & Dental	1	1			+1	+1
Administrative/ Supervisory (V to VII)	3	4	+1	+25.9%	+2	-0
Clerical (III & IV)	8	8			-0	+1
Management & Administrative	11	12	+1	+7.6%	+2	+1
Support	1	1				
Maintenance/ Technical	1	1				
General Support	2	2				
Ambulance Staff	461	461	+0	+0.1%	-22	-19
Patient & Client Care	461	461	+0	+0.1%	-22	-19





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West by staff group

Sep 2021 (Dec 2020 figure: 589)	WTE Aug 2021	WTE Sep 2021	WTE change since Aug 21	% change since Aug 21	WTE change since Dec 20	WTE change since Sep 20
Overall	597	607	+10	+1.7%	+18	+28
Management (VIII & above)	1	1				
Administrative/ Supervisory (V to VII)	6	6			+1	+1
Clerical (III & IV)	15	14	-0	-1.6%	-2	-3
Management & Administrative	21	21	-0	-1.1%	-1	-2
Health Care Assistants	1	1			-1	-1
Ambulance Staff	575	585	+10	+1.8%	+20	+31
Patient & Client Care	576	586	+10	+1.8%	+19	+30

Longitudinal Employment Levels by Service - Dec 2016 to Sep 2021

Sep 2021 (Dec 2015 figure: 1,694)	WTE Sep 2021	WTE change since Dec 16	WTE change since Dec 17	WTE change since Dec 18	WTE change since Dec 19	WTE change since Dec 20	WTE change since Apr 21	% change since Dec 16	% change since Dec 17	% change since Dec 18	% change since Dec 19	% change since Dec 20	% change since Apr 21
Overall	2,027	+293	+184	+140	+94	+37	-17	+16.9%	+10.0%	+7.4%	+4.9%	+1.9%	-0.8%
North Leinster	594	+97	+50	+28	+31	+9	-12	+19.5%	+9.3%	+5.0%	+5.5%	+1.5%	-2.0%
South	476	+31	+7	+3	-11	-19	-7	+6.9%	+1.4%	+0.6%	-2.2%	-3.9%	-1.4%
West	607	+106	+61	+51	+25	+18	+19	+21.0%	+11.2%	+9.1%	+4.3%	+3.0%	+3.2%
Ambulance Services	1,677	+233	+118	+82	+45	+8	-0	+16.1%	+7.6%	+5.1%	+2.8%	+0.5%	-0.0%
Ambulance Headquarters	51	+45	+27	+13	+9	+9	+5	+744.3%	+112.6%	+35.1%	+22.4%	+20.6%	+12.1%
NASC	147	-20	+24	+27	+43	+30	-18	-11.9%	+19.8%	+22.7%	+42.1%	+25.4%	-11.0%
NEOC	153	+35	+15	+18	-4	-9	-4	+30.2%	+10.9%	+13.3%	-2.6%	-5.4%	-2.6%

Source: Health Service Personnel Census

The above represents all staff categories within the NAS not just paramedics

I hope this information helpful.

Yours sincerely

Robert Morton
Director
National Ambulance Service

