



Breakdown of emergency ambulance incidents by clinical impression

The tables below summarise the clinical conditions attended by Hato Hone St John over the last 5 years. The data has been broken into two tables; (1) medical conditions, and (2) those related to trauma.

Clinical impressions – Medical

Clinical impression upgroup	2019	%	2020	%	2021	%	2022	%	2023	%
Infection	30,986	15.35%	34,051	13.20%	38,268	13.91%	57,464	19.39%	49,437	16.22%
Pain	28,087	13.92%	38,500	14.92%	41,545	15.10%	42,988	14.51%	46,797	15.36%
Cardiac	26,299	13.03%	35,989	13.95%	37,154	13.51%	33,924	11.45%	34,396	11.29%
Abdominal Pain	20,201	10.01%	28,426	11.02%	28,786	10.46%	27,303	9.21%	29,457	9.67%
Respiratory	20,497	10.16%	20,593	7.98%	22,512	8.18%	26,614	8.98%	27,431	9.00%
Collapse	13,844	6.86%	17,978	6.97%	18,363	6.68%	17,177	5.80%	17,944	5.89%
Miscellaneous	9,349	4.63%	7,459	2.89%	8,828	3.21%	11,893	4.01%	14,156	4.65%
Seizure	7,846	3.89%	9,720	3.77%	10,076	3.66%	9,865	3.33%	10,944	3.59%
Stroke	6,610	3.28%	8,960	3.47%	9,040	3.29%	9,145	3.09%	9,521	3.12%
Vomiting + Diarrhoea + Nausea	5,928	2.94%	8,049	3.12%	7,757	2.82%	7,844	2.65%	8,774	2.88%
Mental Health	5,576	2.76%	8,505	3.30%	8,614	3.13%	7,762	2.62%	8,271	2.71%
Haemorrhage	4,827	2.39%	6,585	2.55%	7,179	2.61%	7,327	2.47%	7,890	2.59%
Dizziness/Vertigo	3,133	1.55%	2,537	0.98%	3,429	1.25%	6,204	2.09%	7,086	2.33%
Altered Level of Consciousness	3,503	1.74%	4,512	1.75%	4,799	1.74%	6,011	2.03%	6,779	2.22%
No abnormality detected	3,932	1.95%	6,580	2.55%	6,741	2.45%	5,997	2.02%	6,481	2.13%
Illness of unknown cause	3,313	1.64%	8,102	3.14%	9,660	3.51%	6,018	2.03%	5,948	1.95%
Diabetic problem	2,804	1.39%	3,709	1.44%	3,834	1.39%	3,955	1.33%	4,060	1.33%
Obstetrics	2,122	1.05%	3,030	1.17%	2,972	1.08%	2,809	0.95%	2,778	0.91%
Complication of urinary catheter	1,242	0.62%	2,083	0.81%	2,315	0.84%	2,490	0.84%	2,715	0.89%
Deceased	1,023	0.51%	1,337	0.52%	1,638	0.60%	1,854	0.63%	2,094	0.69%
Palliative and End of Life	692	0.34%	1,318	0.51%	1,573	0.57%	1,657	0.56%	1,776	0.58%
Total	201,814	100.0%	258,023	100.0%	275,083	100.0%	296,301	100.0%	304,735	100.0%

Note:

There was an interruption in electronic data capture between January 2019 and July 2019 due to industrial disruption. This likely affected the quantity and quality of the 2019 data shown.

Clinical impressions – Trauma

Clinical impression upgroup	2019	%	2020	%	2021	%	2022	%	2023	%
Low acuity fall	19,005	22.10%	26,544	23.66%	28,006	24.60%	28,932	27.12%	30,804	27.83%
Fracture	10,234	11.90%	13,142	11.72%	12,938	11.36%	12,089	11.33%	12,250	11.07%
Pain	11,042	12.84%	13,428	11.97%	13,002	11.42%	10,878	10.20%	11,306	10.21%
Skin injury	8,716	10.14%	11,047	9.85%	10,435	9.17%	9,198	8.62%	9,289	8.39%
Poisoning	5,580	6.49%	7,534	6.72%	7,757	6.81%	6,664	6.25%	7,213	6.52%
Soft tissue injury	4,279	4.98%	6,070	5.41%	6,719	5.90%	6,295	5.90%	6,594	5.96%
Mental Health	4,358	5.07%	6,020	5.37%	6,427	5.64%	5,913	5.54%	6,037	5.45%
Brain injury	3,523	4.10%	4,386	3.91%	4,488	3.94%	4,378	4.10%	4,559	4.12%
Allergy and Anaphylaxis	2,544	2.96%	3,717	3.31%	4,066	3.57%	3,680	3.45%	3,850	3.48%
Dislocation	3,050	3.55%	3,795	3.38%	3,691	3.24%	3,370	3.16%	3,595	3.25%
No abnormality detected	2,187	2.54%	2,961	2.64%	3,052	2.68%	2,911	2.73%	2,826	2.55%
Contusion	3,194	3.71%	3,246	2.89%	3,015	2.65%	2,544	2.39%	2,084	1.88%
Respiratory	1,343	1.56%	1,674	1.49%	1,678	1.47%	1,499	1.41%	1,543	1.39%
Other <1%	1,275	1.48%	1,363	1.22%	1,283	1.13%	1,417	1.33%	1,511	1.36%
Abrasion	1,588	1.85%	1,869	1.67%	1,730	1.52%	1,441	1.35%	1,308	1.18%
Altered Level of Consciousness	520	0.60%	690	0.62%	717	0.63%	879	0.82%	1,041	0.94%
Burn	754	0.88%	1,083	0.97%	1,015	0.89%	878	0.82%	972	0.88%
Major trauma involving multiple body regions	492	0.57%	634	0.57%	631	0.55%	671	0.63%	731	0.66%
Haemorrhage	429	0.50%	574	0.51%	609	0.53%	525	0.49%	624	0.56%
Bite or sting	378	0.44%	535	0.48%	512	0.45%	428	0.40%	557	0.50%
Cardiac arrest	394	0.46%	434	0.39%	477	0.42%	520	0.49%	519	0.47%
Eye Injury	338	0.39%	432	0.39%	505	0.44%	443	0.42%	443	0.40%
Seizure	294	0.34%	379	0.34%	393	0.35%	414	0.39%	406	0.37%
Foreign body	283	0.33%	370	0.33%	409	0.36%	377	0.35%	353	0.32%
Spinal cord injury	187	0.22%	241	0.21%	302	0.27%	318	0.30%	286	0.26%
Total	85,987	100%	112,168	100%	113,857	100%	106,662	100%	110,701	100%

Note:

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Ethnic breakdown of patients attended by Hato Hone St John

Year	Māori	%	Pacific Peoples	%	Non- Māori, Non- Pacific	%	Total ²
2019	46,374	16%	15,012	5%	227,248	79%	288,634
2020	62,102	17%	20,940	6%	287,949	78%	370,991
2021	67,513	17%	22,586	6%	299,342	77%	389,441
2022	72,293	18%	25,749	6%	298,723	75%	396,765
2023	75,755	18%	26,449	6%	310,300	75%	412,504

Notes:

1. The above uses Manatu Hauora Ministry of Health prioritised ethnicity categories.
2. Total excludes patients for whom prioritised ethnicity was unavailable. This is approximately 4% of patients.