



Analysing CHN Cabra demographics and service demands quantitatively and qualitatively to enhance integration and access

CHO Dublin North City and County

Alicja Downey¹ Vanessa Vieira²

¹ Community Healthcare Network Manager, Cabra Primary Care Centre, Navan Rd, Dublin 7

² CTM Support, Cabra Primary Care Centre, Navan Rd, D7

Aims and Background

This initiative aims to improve safe, timely, equitable access to healthcare services for all community dwellers in CHN Cabra particularly those in underserved areas or vulnerable populations. The Community Healthcare Networks (CHNs) framework supports local integrated care. The implementation of CHN Cabra in June 2022 strengthened collaboration among the network, Sláintecare Healthy Communities, Social Inclusion, and voluntary organisations. Recommendations were made in alignment with the Sláintecare Implementation Strategy and HSE Corporate Plan objectives.

Population CHO DNCC: 680,766

CHN Cabra Population is the second largest with 70,384 out of 12 Networks in CHO DNCC

Methodology

Quantitative and qualitative analysis of demographic trends were conducted

Trends in population growth, ageing, and socio-economic changes from 2016 to 2022 censuses were identified and compared to national averages

Data from the Central Statistics Office (CSO), Pobal Maps, and Health Atlas were reviewed and analysed, providing accurate demographic insights specific to CHN Cabra

Analysis of 2023 referrals received and registered in the network database

Identification of current service demand for CHN Cabra Primary Care Teams.

Key Learnings

- Population in all age groups increased proportionally. The population in CHN Cabra data is higher than the national average in all age groups.
- The most significant growth in the CHN Cabra area was observed in the age group of community dwellers over 65, followed by the age group of 18 to 64, which is higher than the national in both age groups. The 18-64-year-olds consist of 73.8% of the population in CHN Cabra. The highest population growth occurred in Ashtown and Grangegorman. The least growth occurred in Cabra West. Cabra West and Inns Quay have the highest deprivation index. No increase in "bad" or "very bad" self-report health but is higher than the national average in both categories. Deprivation increased in the most deprived areas in CHN Cabra and is higher than the national average.
- Analysis of referrals received to the network showed that there is a correlation between service demand and demographic trends in CHN Cabra. The highest rate of referrals is received for those over 65s which is 50%. From this age group, the highest number of referrals are received for those over 85. Over 65s received the highest number of MTD referrals.
- PCT -Cabra West with the lowest population growth and the highest deprivation index received 23% referrals for over 65s. The highest referral rate for this age group, 25 %, was received from Grangegorman. PCT- Ashtown the most affluent area with the highest population growth received the highest referrals number for 0-17s

Results

Correlation between Referrals received in 2023 by PCT and Population age, size and Deprivation Index

	Ashtown	Cabra East	Cabra West	Grangegorman	Inns Quay	TOTAL
0 - 4	160	109	116	148	52	585
5 - 17	86	24	83	74	32	299
18 - 64	153	142	217	281	153	946
65 +	366	326	432	464	260	1848
TOTAL REFERRALS RECEIVED BY PCC	765	601	848	967	497	3678
% Referrals Received By PCC	21%	16%	23%	26%	14%	
POPULATION SIZE	16402	9656	9786	21099	13441	70384
Average Deprivation Index	8.9	3.87	-8.2	6.08	0.99	

Actions

The main goal is to address the ageing population in CHN Cabra and increasing deprivation and effect on related health factors like physical health, mental health and chronic conditions.

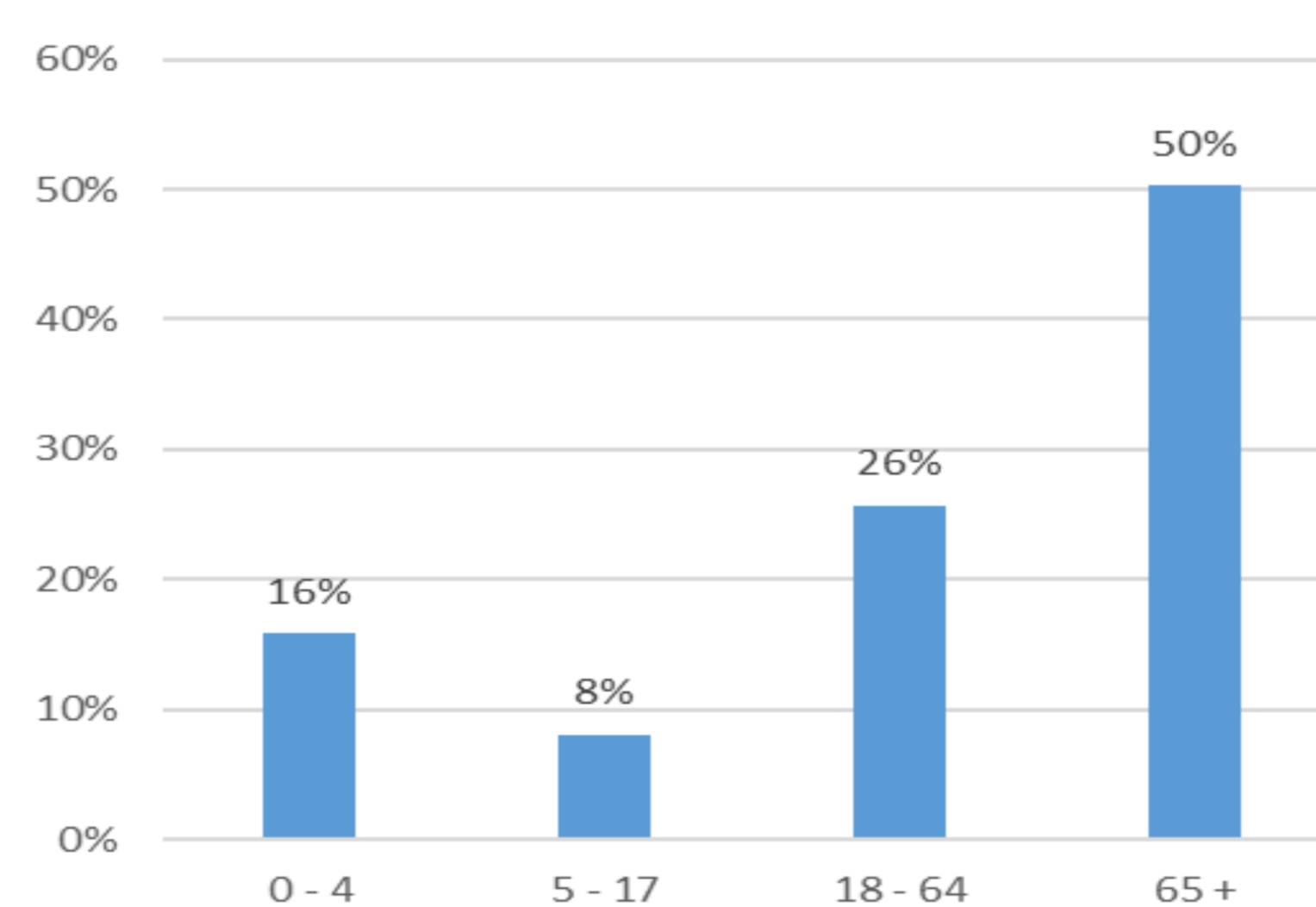
Addressing Quality of Life indicators:

- ✓ Increase in social support
 - ✓ Integration of Care
 - ✓ Access to Mental Health Services and Alcohol Services
 - ✓ Physical and frailty care needs
- Prevention in over 65 years old and 50-65 y/o age group
 - Frailty detection and management
 - Sláintecare Healthy Communities initiatives implementation, collaboration with the Health and Wellbeing Department.
 - MECC
 - Walk and Talk Programme
 - Chronic Condition Management- Healthy Leaving
 - Alcohol Prevention
 - Working in partnership with ALONE services
 - Wellbeing support for over 65 y/o
 - Addressing the needs of Social Inclusion Patients Residing in CHN Cabra working with the Social Inclusion link Person.
 - Collaboration with Local Development Officer Sláintecare Healthy Communities Programme

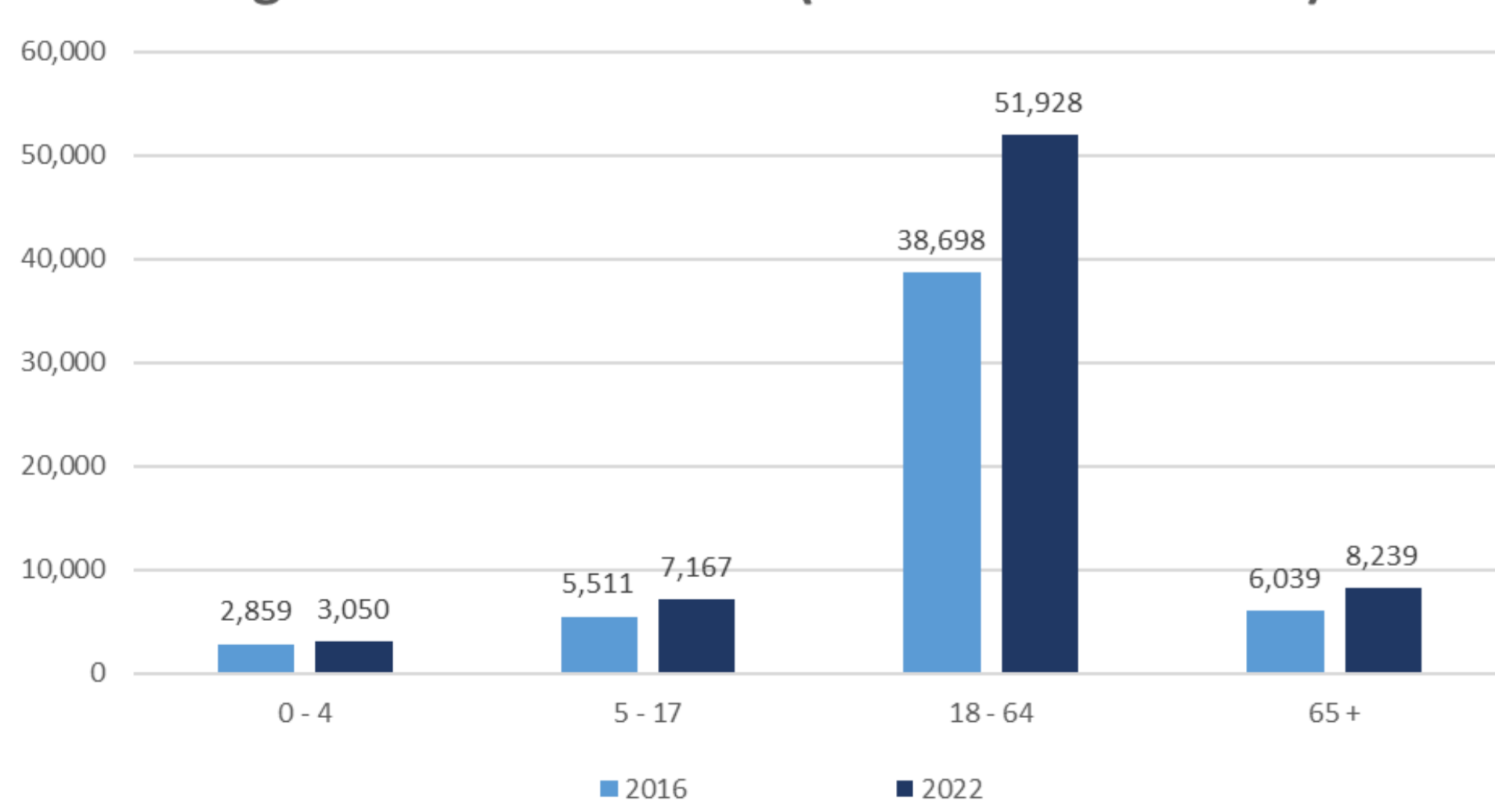
Conclusion

- Identifying demographic trends and service needs enables early, targeted interventions for timely access to services.
- Health needs analysis is essential to address broader determinants of health
- Continuous monitoring and analysis of demographic trends and service demands provide critical insights that guide the planning and implementation of healthcare services, ensuring they are responsive to the community's evolving needs

Referrals Received 2023 - By Age Range



Age Profile Cabra Area (Census 2016 x 2022)



	2016	2022	% Growth	Average % Growth National
0 - 4	2,859	3,050	6.26%	5.7%
5 - 17	5,511	7,167	23.11%	1.3%
18 - 64	38,698	51,928	25.48%	6.53%
65 +	6,039	8,239	26.70%	3.0%
TOTAL	53,107	70,384	24.55%	

Referrals received 2023 - Clients Over 65 by PCT Team

