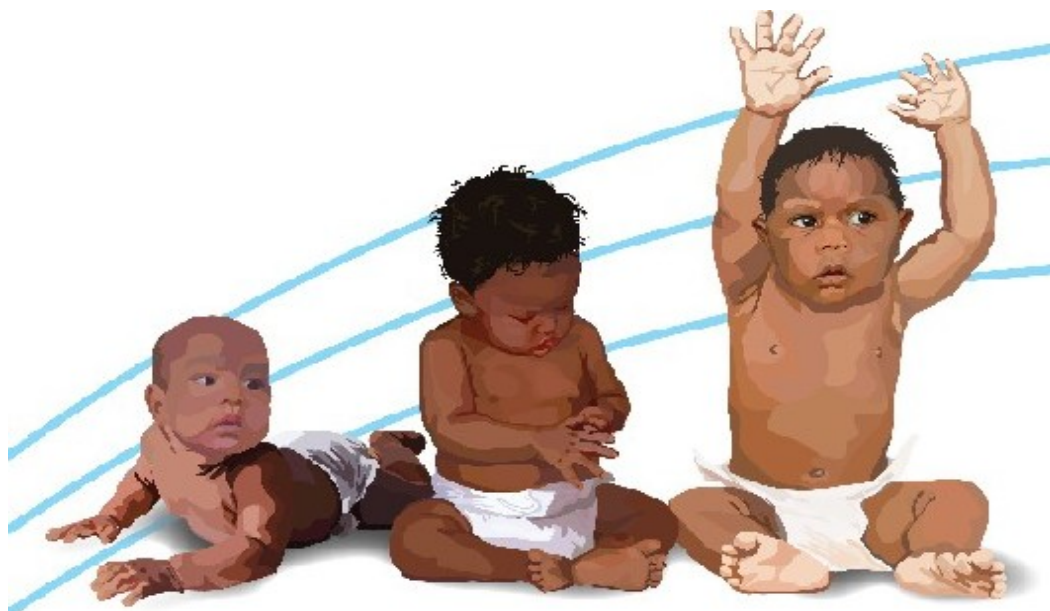


Growth Assessment and Action Data Collection Program

NT Annual Report

2008



Introduction

The aim of the Northern Territory Government's Growth Assessment and Action (GAA) program is to improve the growth and nutritional status of children 0-5 years living in NT remote areas. This involves routinely collected measurements of weight, height/length and haemoglobin from which were calculated the indicators height for age, weight for age, and weight for height according to the Center for Disease Control – Atlanta (CDC, 2000) rules (<http://www.cdc.gov/growthcharts>).

This report presents the results of the GAA data collection from October 2007 to April 2008 across the NT rural areas including details of the program coverage, the number of children measured compared with the number of resident children, the rates of stunting, wasting, underweight and anaemia.

Explanatory Notes

Report Title:	GAA Data Collection Program 2008 Annual Report for NT
Compiled by:	Victor X. Meng
Data Source:	Growth Assessment and Action
Universe Sources	GAA Ware
Last Refreshed:	Monday, 11 August 2008
Data Inclusion Notes:	

Anaemic characteristic	Hb < 11g/100mL, for a child between 6 - 60 months old
Stunted characteristic	HAZ < -2, for a child between 0 and 60 months old. HAZ is a z-score of child's height related to averages based on growth age and gender calculated according to CDC rule
Underweight characteristic	WAZ < -2, for a child between 0 and 60 months old. WAZ is a z-score of child's weight related to averages based on growth age and gender calculated according to CDC rule
Wasted characteristic	WHZ < -2, for a child between 0 and 60 months old. WHZ is a z-score of child's weight and height combined related to averages based on Height Rounded and gender calculated according to CDC rule

EPI	Northern Territory Resident Population Estimates in Age Group 0-4
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DHF GAA Privacy Statement

The Northern Territory Department of Health and Families (DHF) manages the NT Growth Assessment and Action (GAA) program under protocols for data privacy and release. These protocols provide NT GAA participating services assurance that their data will be protected from unauthorised use and provided under strict and consistent protocols that include:

The NT Information Act 2002,

The Commonwealth Privacy Act 1988 and associated Information Privacy Principles

The Human Research Ethics Committee of the Northern Territory Department of Health & Families and the Menzies School of Health Research (that is constituted in accordance with the NHMRC Act 1992 (Cth)

The National Statement on Ethical Conduct in Research Involving Humans (1999)).

Policies and procedures establish the rules for issues such as:

- (a) Information gathering and receipt
- (b) Information storage and retention
- (c) Information transmission
- (d) Information retrieval and use within DHF
- (e) Information release and disclosure outside DHF

NT GAA data is any data sourced from health service organisations operated by both non-government and government organisations.

All access to NT GAA data will be controlled under the DHF Data Access Protocol (Feb 2008) that includes methods for community consultation for the release and use of data.

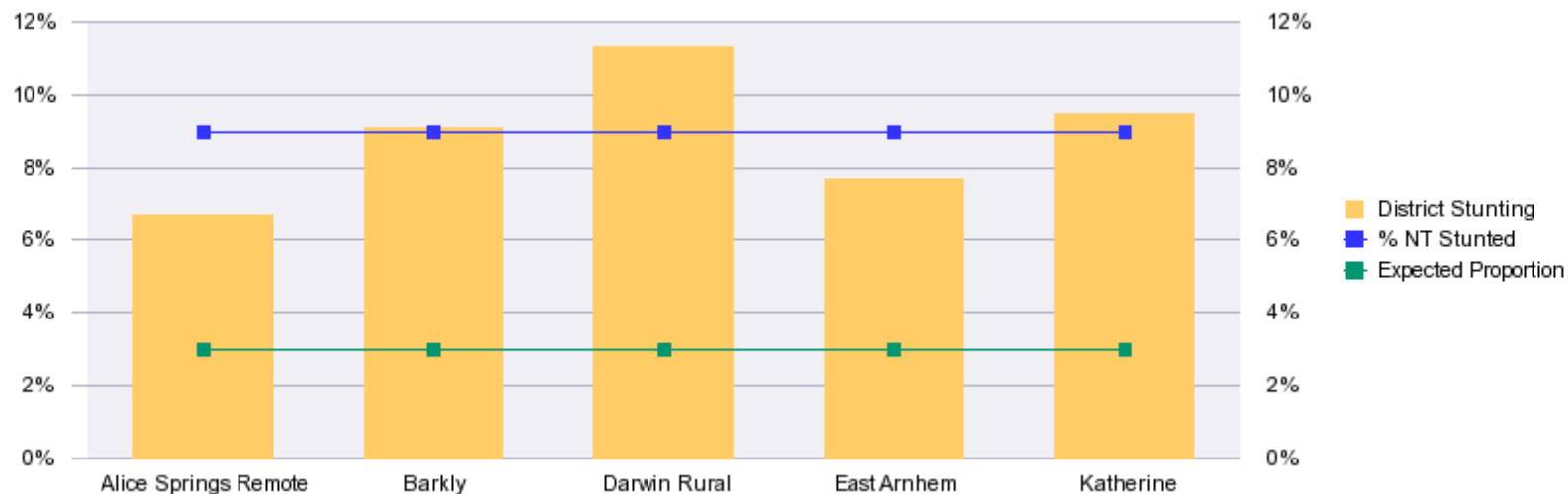
For further information please contact the Program Director on (08) 8922 8015.

Table S1. Summary of Results Presented in This Report for Children Aged < 5 Years

Number of Resident Children Measured	3162
Total Number of Children Measured:	3204
Total Number of Resident Children:	3969

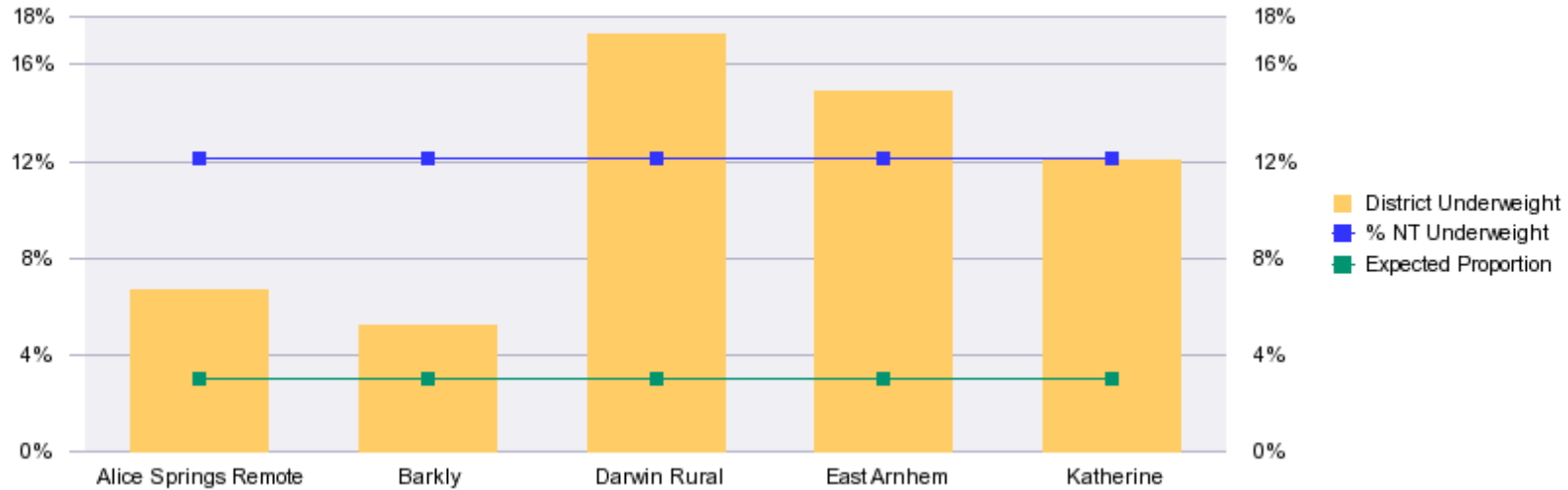
Characteristic	Children with Characteristic	Total Measured	% Measured with Characteristic	% Coverage (Measured/Resident)
Stunted	263	2957	9%	75%
Underweight	384	3184	12%	80%
Wasted	271	2940	9%	74%
Anaemic	670	2673	25%	67%

Percentage of Measured Children Aged < 5 Years Who are STUNTED, by District



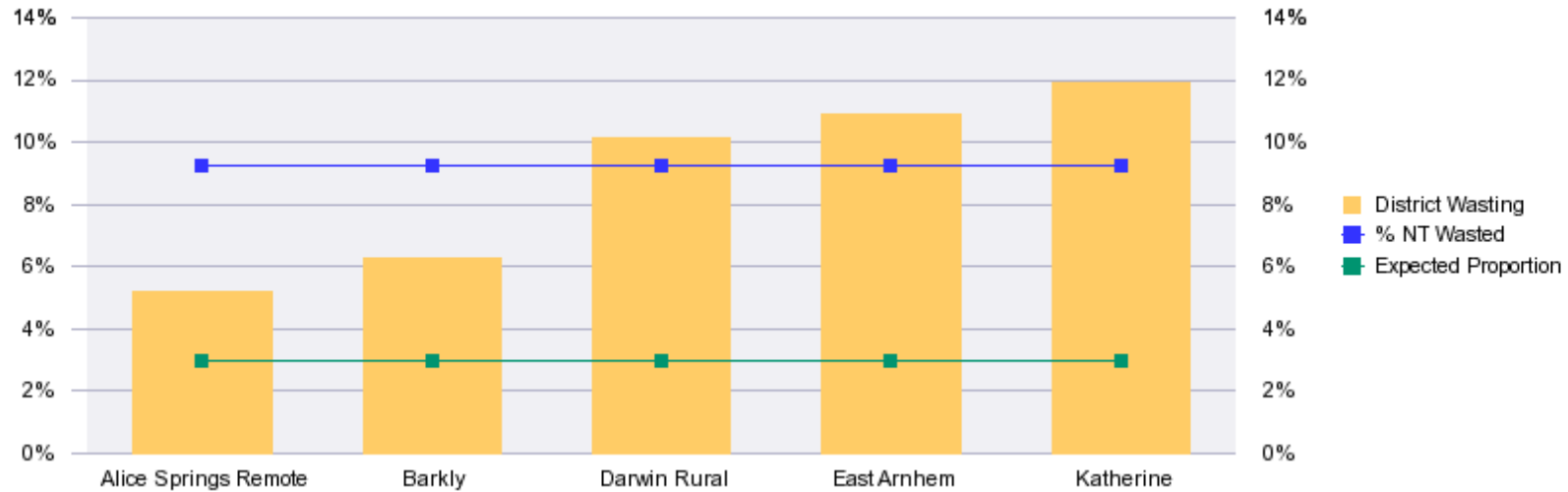
District	Alice Springs Remote	Barkly	Darwin Rural	East Arnhem	Katherine	Unknown	Total
All Children Measured for Stunting	718	176	790	470	784	19	2,957
Total Resident Children	899	222	1053	631	1145	19	3969
Coverage/Stunted	80%	79%	75%	74%	68%	100%	75%
Population Number from EPI	1247	578	1514	1598	1889		6826
Coverage	58%	30%	52%	29%	42%		43%

Percentage of Measured Children Aged < 5 Years Who are UNDERWEIGHT, by District



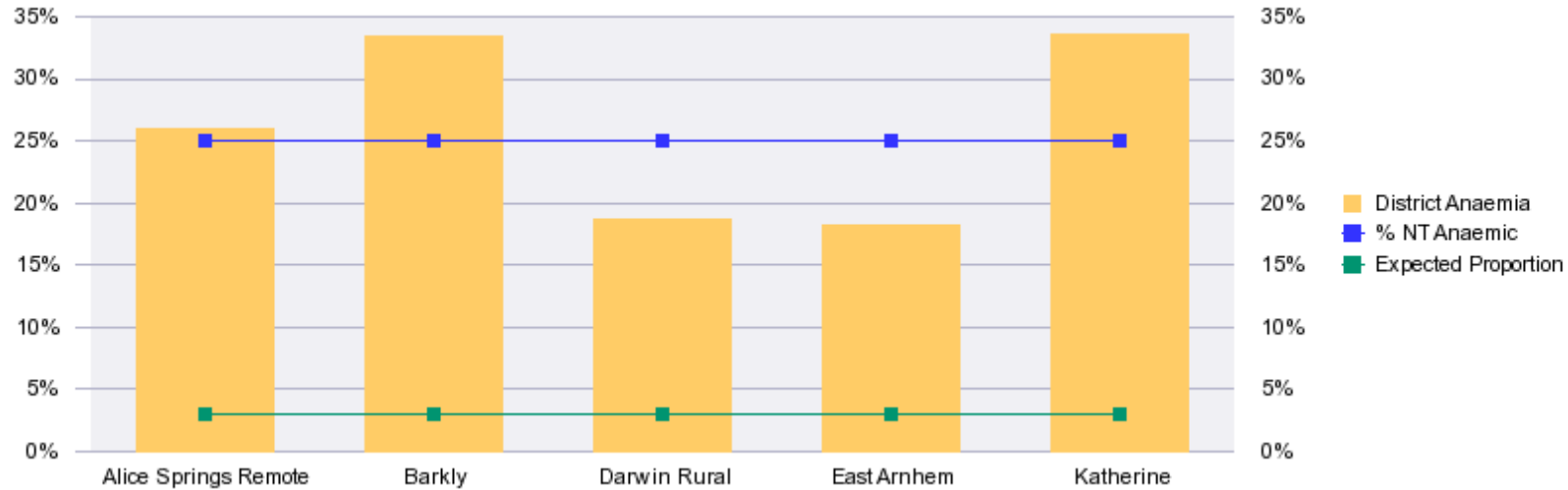
District	Alice Springs Remote	Barkly	Darwin Rural	East Arnhem	Katherine	Unknown	Total
All Children Measured for Underweight	765	193	815	510	882	19	3,184
Total Resident Children	899	222	1053	631	1145	19	3969
Coverage/Underweight	80%	79%	75%	74%	68%	100%	75%
Population Number from EPI	1247	578	1514	1598	1889		6826
Coverage	61%	33%	54%	32%	47%		47%

Percentage of Measured Children Aged < 5 Years Who are WASTING, by District



District	Alice Springs Remote	Barkly	Darwin Rural	East Arnhem	Katherine	Unknown	Total
All Children Measured for Wasting	716	175	789	467	774	19	2940
Total Resident Children	899	222	1053	631	1145	19	3969
Coverage/Wasted	80%	79%	75%	74%	68%	100%	74%
Population Number from EPI	1247	578	1514	1598	1889		6826
Coverage	57%	30%	52%	29%	41%		43%

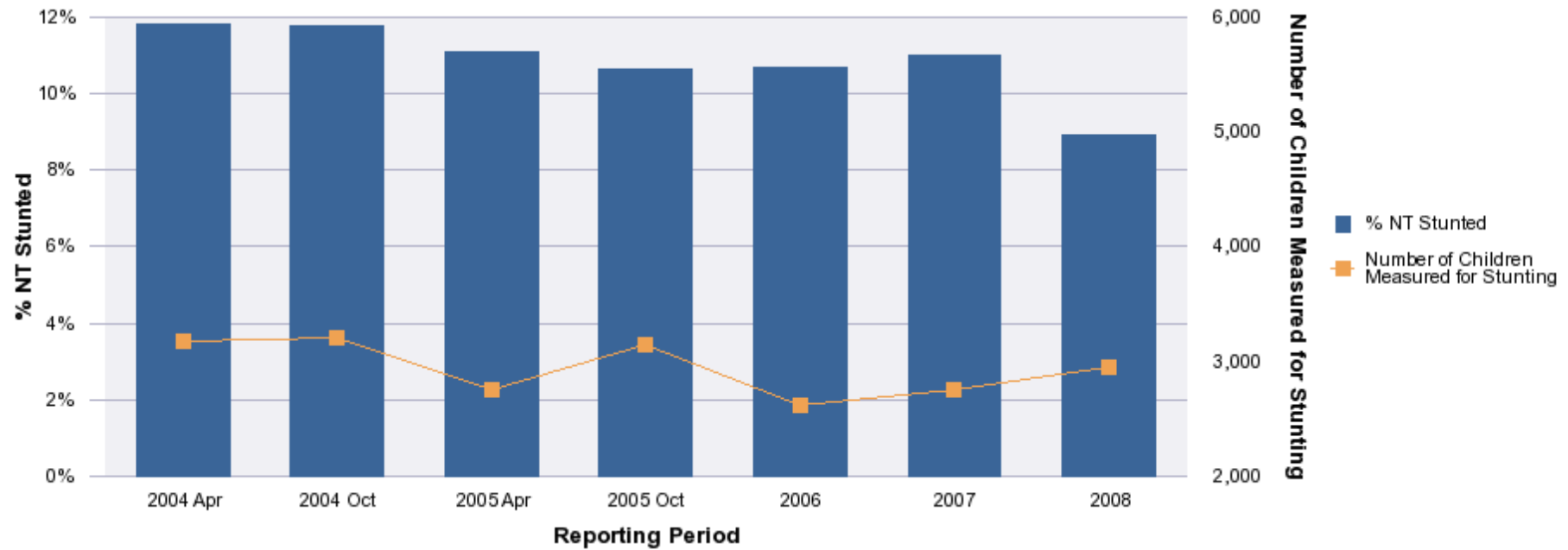
Percentage of Measured Children Aged from 0.5 to less than 5 Years Who are ANAEMIC, by District



District	Alice Springs Remote	Barkly	Darwin Rural	East Arnhem	Katherine	Unknown	Total
All Children Measured for Anaemia	661	162	734	433	664	19	2673
Total Resident Children	899	222	1053	631	1145	19	3969
Coverage/Anaemia	74%	73%	70%	69%	58%	100%	67%
Population Number from EPI	1247	578	1514	1598	1889		6826
Coverage	53%	28%	48%	27%	35%		39%

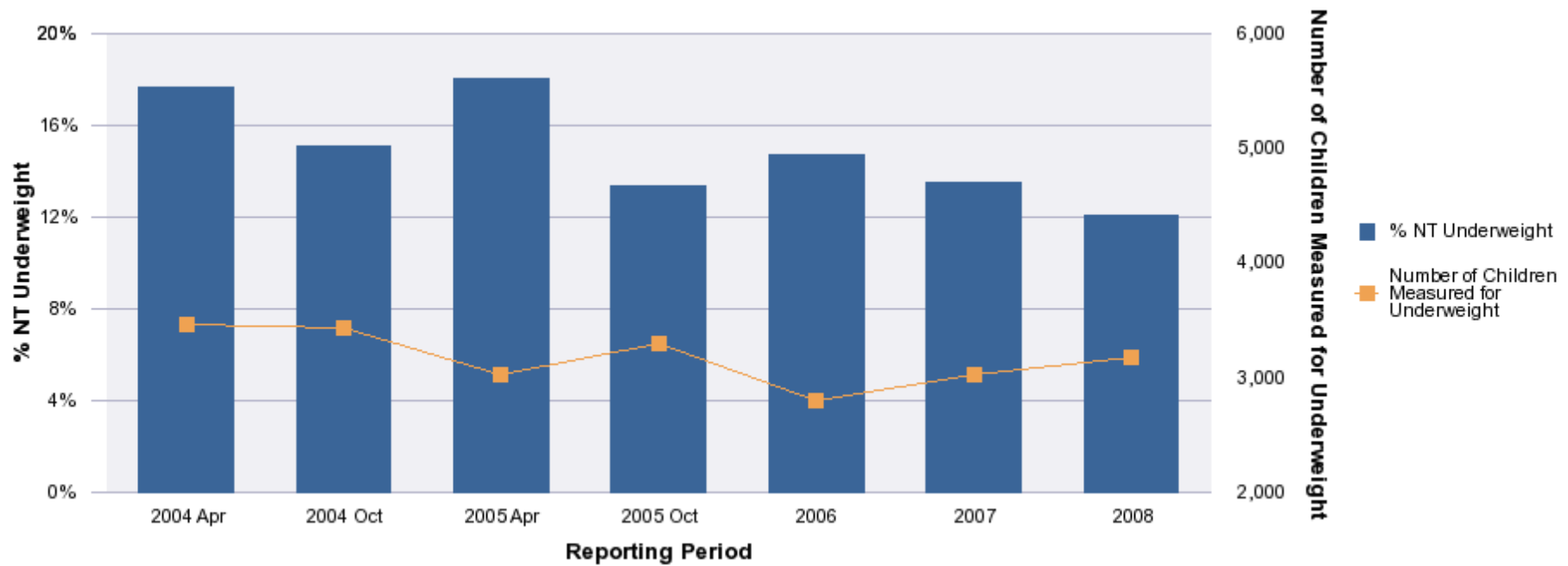
Growth of Children in the Northern Territory

Percentage of measured children aged less than 5 years who are STUNTED for reporting period



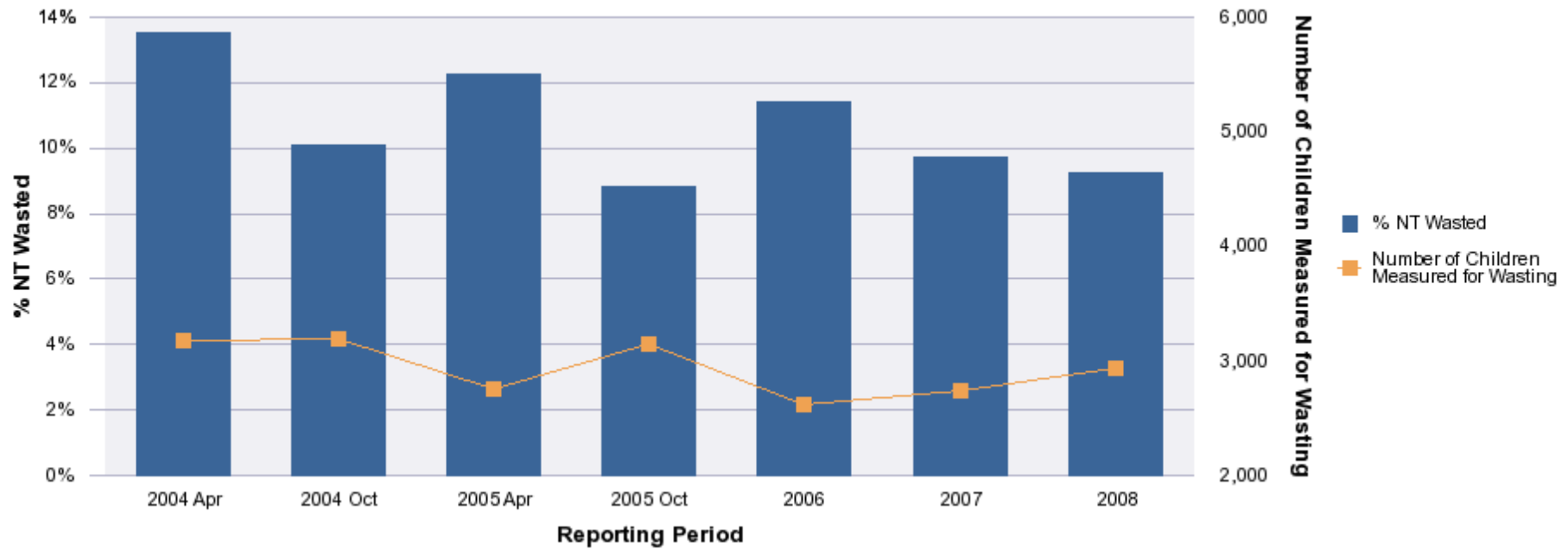
Growth of Children in the Northern Territory

Percentage of measured children aged less than 5 years who are UNDERWEIGHT for reporting period



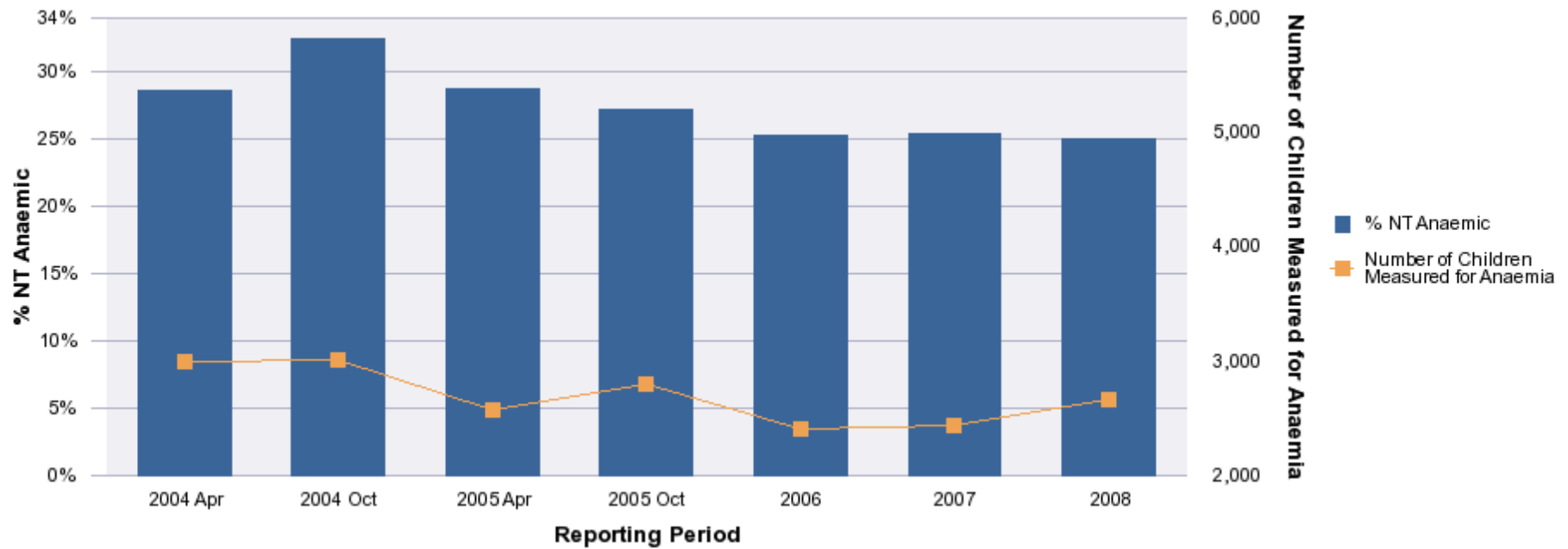
Growth of Children in the Northern Territory

Percentage of measured children aged less than 5 years who are WASTED for reporting period



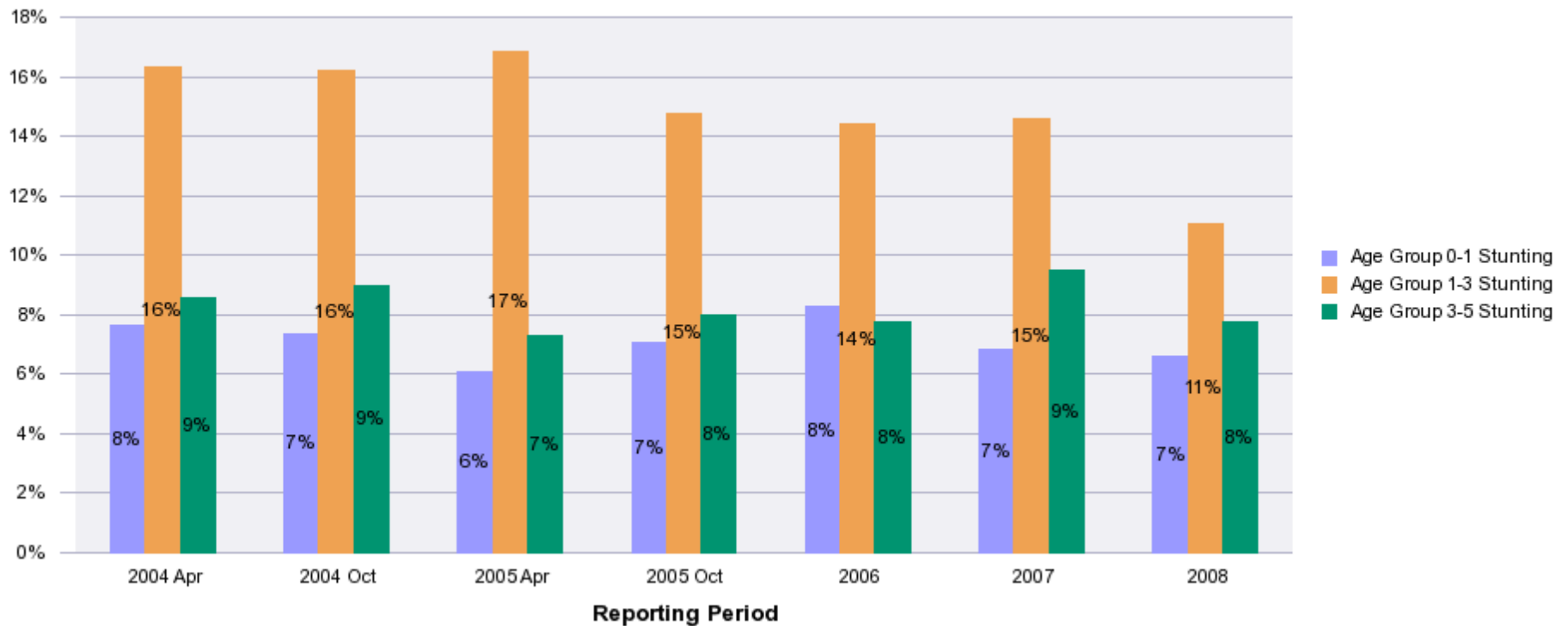
Growth of Children in the Northern Territory

Percentage of measured children aged from 0.5 to less than 5 years who are ANAEMIC for reporting period



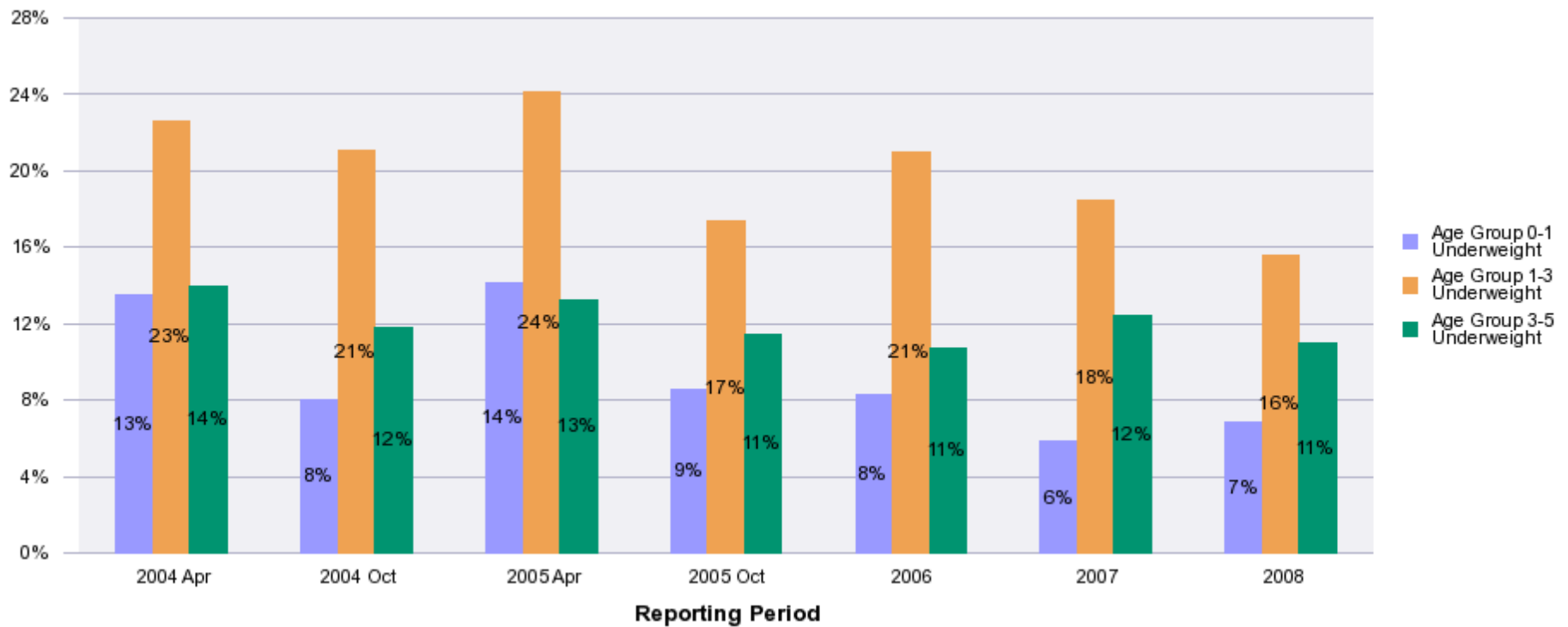
Growth of Children in the Northern Territory

Percentage of measured children aged less than 5 years who are STUNTED by age group 0-1, 1-3 and 3-5 years for reporting period



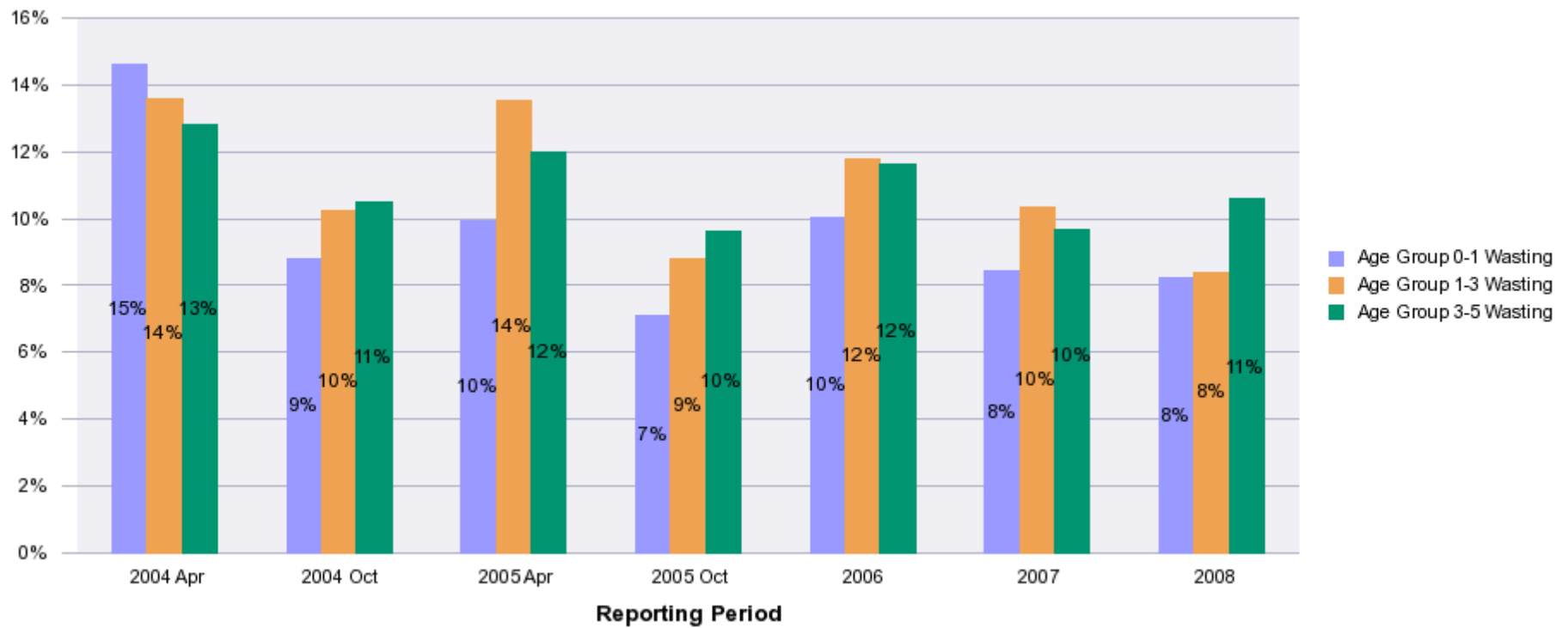
Growth of Children in the Northern Territory

Percentage of measured children aged less than 5 years who are UNDERWEIGHT by age group 0-1, 1-3 and 3-5 years for reporting period



Growth of Children in the Northern Territory

Percentage of measured children aged less than 5 years who are WASTED by age group 0-1, 1-3 and 3-5 years for reporting period



Growth of Children in the Northern Territory

Percentage of measured children aged from 0.5 to less than 5 years who are ANAEMIC by age group 0.5-1, 1-3 and 3-5 years for reporting period

