

## Appendix 3. Phase 2 NCCP Documentary Analysis Equity Dimensions

Tier 1 focused on the highest-level commitments to cancer-related health equity, such as overarching statements, goals, or visions. Predefined equity dimensions and keywords were used to identify relevant content (see Appendix 2 Table 2c), with up to two additional keywords used if the document was unclear. Extracts were presented unedited and categorised according to the Plans' terminology, with any of the predefined equity-related dimensions/keywords highlighted. Any predefined equity-related dimensions/keywords and references to priority population groups (e.g. Aboriginal and Torres Strait Islander People in the Australian NCCP) were highlighted.

Tier 2 focused on objectives that aim to reduce disparities in cancer outcomes or address cancer-related inequities, including terms such as objective, aim, priority, or focus area. The total number of objectives was noted, but only those explicitly related to equity were included in the content. Extracts were presented unedited and categorised according to the Plans' terminology, with any of the predefined equity-related dimensions/keywords highlighted. Specific actions or initiatives were excluded from this analysis, as they were considered too granular for the scope of this review.

**Table 3a - Analysis of NCCP equity-specific commitments**

Dimension	Subcategory	Definition
High-level commitments (tier 1)	Category (Tier 1)	Indicates the type of high-level equity commitment in the Plan such as a statement, vision, goal, or overarching commitment. Response options: Open text
	NCCP/Plan Content	Text from the Plan corresponding to the Tier 1 commitments. Response options: Open text
	Statement/goal related to health equity	Indicates whether the Plan includes an explicit statement or goal specifically addressing cancer-related health equity. Response options: Yes – cancer-related health equity Yes – health equity No
	Goal type	Specifies whether the equity-related goal is qualitative, quantitative, or both.

		Response options: Qualitative Quantitative Both
	Goal success	Indicates whether the Plan defines how success of the equity goal will be measured or monitored. Response options: Yes/No
Objectives (tier 2)	Category (Tier 2)	Indicates the type of equity-related objective in the Plan, such as an objective, aim, priority, or focus area. Response option: Open text (including number of objectives)
	Plan Content	Text from the Plan corresponding to the Tier 2 objective. Response option: Open text
	Objectives	Indicates whether objectives are present and if they are measurable. Response options:  Yes  Yes – measurable  No

**Table 3b - Key variables for NCCP equity principles**

Dimension	Subcategory	Definition
Equity principles	Does the Plan include guiding or overarching principles?	Identifies whether the Plan articulates guiding or overarching principles. Response options: Yes/No (number of Plans)
	Does the Plan include any principles that explicitly address equity?	Identifies whether the Plan articulates principles that specifically reference equity. Response options: Yes, plan includes principles(s) related to equity (number of Plans) No (number of Plans)

**Table 3c Key variables for NCCP data strategies and equity metrics**

<b>Dimension</b>	<b>Subcategory</b>	<b>Definition</b>
Data strategies and equity metrics	Data strategy: Does the Plan include, or is it accompanied by, a data strategy?	Identifies whether the Plan outlines or is supported by a data strategy to guide evidence generation, collection, and use. Response options: Yes/No (number of Plans)
	Equity metrics: Does the Plan include explicit measures or indicators to monitor progress on equity?	Assesses whether the Plan specifies measurable indicators or metrics to track equity-related outcomes. Response options: Yes/No (number of Plans)

**Table 3d - Key variables for NCCP strategic approach to equity**

<b>Dimension</b>	<b>Subcategory</b>	<b>Definition</b>
Strategic approach to equity	Universal	Policies or actions that apply to the entire population equally, without adjustment for differences in disadvantage. Response options: X = present, blank = not present
	Targeted	Policies to actions directed at specific population groups experiencing vulnerability, disadvantage, or higher risk. Response options: X = present, blank = not present
	Blended	Approaches such as proportionate universalism, which combine universal actions with targeted allocation of resources according to levels of disadvantage. Response options: X = present, blank = not present

**Table 3e - Key variables for NCCP policy areas prioritised**

Dimension	Subcategory	Definition
Policy areas prioritised	Health and health services	Policies to ensure availability, accessibility, and quality of prevention, treatment, and healthcare services and programmes. Response options: Yes/No
	Income security (IS) and social protection (SP)	Policies that ensure basic income security and reduce the adverse health and social consequences of poverty across the life course. Response options: Yes/No
	Living conditions	Policies that equalise access to and exposure to safe housing, neighbourhoods, and environmental conditions that affect health and wellbeing. Response options: Yes/No
	Social and human capital	Policies that build human capital for health (e.g. education, literacy, skills) and strengthen community social capital to protect and promote health. Response options: Yes/No
	Employment and working conditions	Policies that improve the health impact of employment, including job availability, security, wages, and safe working conditions (physical and mental). Response options: Yes/No

**Table 3f - Key variables for NCCP cancer continuum stage focus**

Dimension	Subcategory	Definition
Cancer continuum stage focus	Prevention and early detection	Policies, programs, or initiatives aimed at reducing cancer risk, promoting healthy behaviours, and identifying cancer at an early stage. Response options: Yes/No
	Diagnosis	Activities and services focused on accurately detecting and confirming cancer in patients. Response options: Yes/No
	Treatment	Policies, programs, and services that provide therapeutic interventions for cancer patients, including surgery, chemotherapy, radiation, and other treatments. Response options: Yes/No
	Survivorship	Initiatives addressing the ongoing care, rehabilitation, and quality of life for people living with and beyond cancer. Response options: Yes/No
	Palliative and end-of-life care	Services and policies aimed at symptom management, comfort, and quality of life for patient with advanced cancer or nearing end of life. Response options: Yes/No
	Overall cancer burden and outcomes	Focus on monitoring, reducing, or addressing overall cancer incidence, mortality, and outcomes at the population level. Response options: Yes/No

**Table 3g - Key variables for NCCP identification of priority population groups**

Dimension	Subcategory	Definition
Priority population groups	People in lower socio-economic groups	Groups experiencing socio-economic disadvantage that may impact cancer risk, access to care, or outcomes. Response options: Yes/No
	Adolescents and young adults	Individuals aged approximately 18-39 years who may have distinct cancer risks, treatment needs, and survivorship challenges. Response options: Yes/No
	People from culturally and linguistically diverse (CALD) backgrounds	Individuals from non-majority cultural or language groups who may face barriers in accessing cancer services. Response options: Yes/No
	People living in geographically remote areas	Individuals in rural or remote locations with limited access to cancer care services. Response options: Yes/No
	Children	Individuals under 18 years, including those with distinct cancer types and treatment requirements. Response options: Yes/No
	People living with mental illness	Individuals with diagnosed mental health conditions that may affect cancer care access, treatment adherence, or outcomes. Response options: Yes/No
	People living with disability	Individuals with physical, sensory, intellectual, or cognitive disabilities affecting cancer care access and outcomes. Response options: Yes/No
	Racialized people	Individuals identified or marginalised based on race or ethnicity, often experiencing systemic barriers to equitable cancer care. Response options: Yes/No
	LGBTIQ+ people	Lesbian, gay, bisexual, transgender, intersex, queer, asexual, and other sexual or gender minority groups facing barriers

		to cancer care or disparities in outcomes. Response options: Yes/No
	Older people	Individuals typically aged 65 and above, with age-related cancer risks and potential access or treatment challenges. Response options: Yes/No
	Immigrants and refugees	Individuals who have migrated or are seeking refuge, who may experience barriers in accessing culturally appropriate cancer services. Response options: Yes/No
	Indigenous peoples	Indigenous populations with unique health determinants and higher risk of cancer disparities and may require culturally safe care. Response options: Yes/No

**Table 3h - Key variables for NCCP determinants of health**

<b>Dimension</b>	<b>Subcategory</b>	<b>Definition</b>
Determinants of health	Social	Social factors that influence health, including family, community networks, social support, and social cohesion. Response options: Yes/No
	Cultural	Cultural beliefs, values, practices, and norms that shape health behaviours, access, and outcomes. Response options: Yes/No
	Economic	Factors such as income, wealth, employment, and financial security that impact health status and access to care. Response options: Yes/No
	Structural	Policies, systems, and institutional arrangements that shape access to resources, care, and opportunities for health. Response options: Yes/No
	Environmental	Physical and built environment factors including housing, neighbourhood conditions, pollution, and other exposures affecting health. Response options: Yes/No

	Commercial	Influence of commercial entities, products, and marketing (e.g. tobacco, alcohol, food industries) on health outcomes and behaviours. Response options: Yes/No
--	------------	---

**Table 3i - Key variables for NCCP key actors**

Dimension	Subcategory	Definition
Key actors	Cross sector collaboration	Whether the Plan explicitly encourages collaboration across multiples sectors (e.g., health, government, community, private, and research sectors) to implement cancer control initiatives. Response option: Open text
	Number and typology of actors	The range and types of actors involved in the Plan (e.g., government, non-government, health services, research, community organisations, private sector). Response option: Open text
	Roles and responsibilities and whether they are clearly defined in the plan	Whether the responsibilities of each actor are explicitly described and linked to implementation of equity objectives.