



We have developed a minimum dataset to measure value and outcomes of rehabilitation services.

Selection of data items and outcomes was informed by existing literature and multistakeholder perspectives, including consumers, obtained through focus groups and eDelphi.

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Background: There is significant heterogeneity in data and outcomes collected and reported in rehabilitation services. The opening of the new STARS rehabilitation service offered opportunity to develop a minimum dataset to embed routine data and outcome measurement.

Aim: Develop a minimum dataset to measure value and outcomes of rehabilitation services, for use in service improvement and research.

Study 1. Scoping review of published and grey literature identified existing rehabilitation minimum datasets (5), core outcome sets (7) and clinical registries (15). Common data items and outcomes: patient demographics, premorbid health, admission information, and life impact outcomes.

Study 2. Focus groups with consumers, clinicians and managers using Nominal Group Technique to conceptualise *"What does successful rehabilitation look like?"* Person and family-centred was the most frequently prioritized theme, followed by effective, inter-professional, accessible, goal oriented and measures meaningful outcomes, connected to continuum of care, evidence-based and supportive of innovation and research, appropriately funded and skills, satisfying and engaging and safe.

Funding: MNHHS/UQ Collaborative Research Grant 2020; Menzies Health Institute Collaborative Research Grant. Sarah Wallace is supported by a NHMRC Emerging Leadership Investigator Grant (APP1175821).

Acknowledgements: RBWH/UQ/STARS rehab dataset steering committee

Study 3. Three-round eDelphi process with clinicians, researchers and managers resulted in 124 data items for inclusion in the dataset. These were further refined with a multi-professional steering committee (including consumers) to the final dataset for implementation (Table 1), with a view to statewide implementation.

Domain	Data items
Demographics (6)	Person identifier, indigenous status, age, sex, language, need for interpreter
Premorbid health (3)	Medical and health history, sensory impairments, drug and alcohol history
Premorbid function and community participation (4)	Psychosocial history (employment status, level of education, preadmission living situation, trauma), mood, existing carer supports, existing community supports
Admission (4)	Total length of stay, rehabilitation length of stay, suspensions to the rehabilitation episode, reason for rehabilitation
Caregiver information and outcomes (4)	Current caregiver status, capacity and willingness to care, preparedness, experience
Service delivery and intervention (12)	Setting, collaborative goal setting, intervention date, type, duration, barriers, treating disciplines, occasions of service, mode of delivery, intervention – individual/group, intervention – interprofessional, medications
Outcomes (9)	Goal attainment, impairment, change in functional status (total, subscales), activity and participation, health-related quality of life, patient experience, patient satisfaction, complications and adverse events, readmissions