

A revision of the 630 Survey linked to regional medical plan

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What is the 630 Survey?

- Conducted on 30 June, each year
- Survey of psychiatric inpatients
- Mental hospitals and clinics
- Supported by Ministry of Health, Labor and Welfare (MHLW)
- Findings are published in "Mental Health Welfare Data" to formulate and improve medical plans.

Background

National Center of Neurology and Psychiatry (NCNP) started the survey in 1997 in support of Health by Health Labor Sciences Research Grant. A major revision was 2017 made in to obtain data that would contribute to the formulation of the medical plan more quickly and efficiently.

The issues of old 630 Survey

Publication of results was delayed for several years

- Complicated survey data flow
ex) Data center ⇔ NCNP (survey administrative office) ⇔ MHLW ⇔ prefectures ⇔ Hospitals/clinics
- Unclear deadline and responsibility of the survey

Data cleaning was cumbersome and inconvenient

- Manual entry of patient information in a fixed survey form with a combination of age, gender, etc
- Crosstabs other than the survey table are impossible

Under-utilized public database

- Public databases such as national database (NDB) and survey results are under-utilized
- Difficult to use them for formulation of regional medical plan

The improvements of new 630 Survey

Publication of results within the same fiscal year

- Digitized survey form and simplified investigation flow
- Prefectures and survey administrative office have become able to exchange information directly without going through complicated flows

Flexible and efficient data collection and cleaning

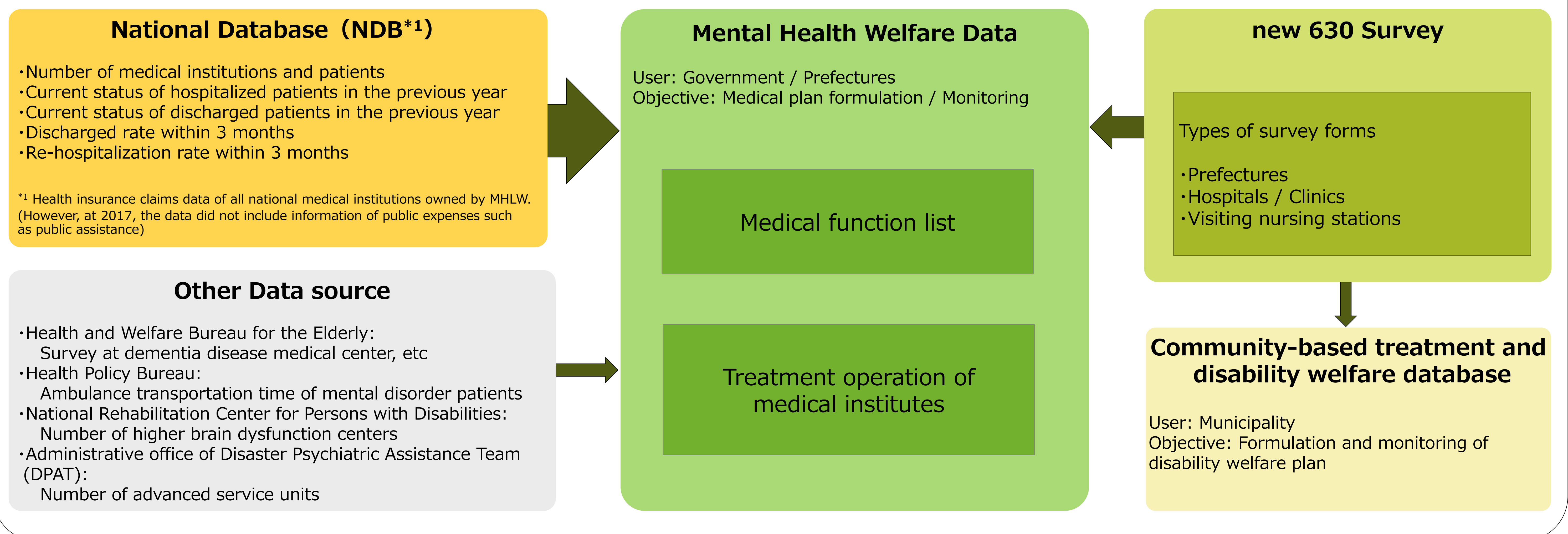
- Data entry at individual patient level is available
- Crosstabs are possible with various combinations

Utilization of public data such as NDB

- Using NDB, health insurance claims data is available
- Easier to collect information for formulation of regional medical plan

Used as
"Mental Health
Welfare Data"

Relationship between each survey and data source



Utilization of 630 survey for regional medical planning

- Each prefecture form regional medical plan based on mental health welfare data.

Example of Medical function list created by prefectures

Mental health area	Medical institution	schizophrenia	MDD/BD	dementia	Child and adolescent mental illness	developmental disorder	alcohol dependence	substance dependence	Gambling and the other addiction	PTSD	Higher brain function disorder	eating disorder	epilepsy	Psychiatric emergency	Physical complication	Suicide prevention	Disaster mental health care
Whole area	A hospital	☆	☆	☆							☆	☆	☆	☆	☆	☆	☆
	B hospital						☆	☆	☆	☆							
	C hospital				☆	☆											
	D hospital	☆	☆							☆				☆		☆	
α area	A hospital	◎	◎	◎							◎	◎	◎	◎	◎	◎	◎
	E hospital	◎	◎	○	○	○	○	○	○	○			○	○			
	F clinic	○	○		○	○											
β area	B hospital						◎	◎	◎	○							○
	G clinic	○	○														

Ex) ☆: Medical institution representing prefectures
◎: Medical institution representing regions
○: Other medical institutions

- Publication method
 - Posted as a comprehensive "mental health welfare data" created together with NDB and other data sources on the web page of the NCNP
- Publication schedule
 - End of year annually
- Purpose of use
 - To contribute for formulation monitoring of medical plan, disability welfare plan, etc.