

Survey-based databases available for pharmacoepidemiology researches in Japan (information obtained from survey answers as of August 2025)

	PatientsMap	National Health and Wellness Survey	DeSC	JMDC	NCD	LunaLuna
Database administrator	SSRI / M3	SSRI Oracle Life Sciences	DeSC Healthcare, Inc.	JMDC, Inc.	National Clinical Database	MTI Ltd.
Database name	PatientsMap	National Health and Wellness Survey	DeSC database	Pep up	National Clinical Database	lunaluna Link
Contact information	patientsmap@ssri.com	nhws@ssri.com	pwe-psales@desc-hc.co.jp	mdbhelp@jmdc.co.jp	public@ncd-core.jp	medico@lnlnmedico.co.jp
Web site URL	https://www.ssri.com/service/omnibus/patientsmap/	https://www.ssri.com/service/omnibus/nhws/	https://desc-hc.co.jp/archives/publication	https://www.phm-jmdc.com/	https://www.ncd.or.jp/	https://sp.lnln.jp/brand/information/our_actions
Published article about the database (DOI)			10.31662/jmaj.2021-0189		DOI: 10.1007/s00595-013-0802-3 DOI: 10.5090/kjtcs.2014.47.5.437	10.1097/AOG.0000000000003910 10.1097/AOG.0000000000005476
Database Overview						
General description of the database	<p>PatientsMap is a comprehensive database built on survey data from over 38,000 physicians across four key global markets: Japan, the US, the UK, and China.</p> <p>Covering more than 1,000 diseases, including rare disorders, it offers in-depth data segmented by clinical specialty—from consultation rates and patient volume estimates to new drug needs and even the frequency of medical representative (MR) visits.</p>	<p>NHWS collects data from patients in 12 countries. The data includes more than 165 disease areas and provides a variety of metrics, such as prevalence, diagnosis and treatment rates and more than 10,000 other variables not mentioned here.</p>	<p>PRO data and life log data obtained from enrollees of multiple Employee Health Insurance and National Health Insurance through the "kencom" health care application. These data were combined with the anonymously processed databases of insurance claims data, annual health checkup data, and enrollment information for each individuals.</p>	<p>PHR service covering over 200 insured individuals nationwide. A panel that can link receipts, health checkup results, and wearable device data, and conduct surveys.</p>	<p>Multidisciplinary registry platform initially developed by surgery related professional societies in Japan. Currently managing nationwide registries for various surgeries, interventions, pathology, as well as cancer registries. Also collects hospital based DPC / claims data which can be used together with the registry data for research.</p>	<p>LunaLuna is a service that provides women's health information mainly in Japan, focusing on menstrual management, and has exceeded 21 million downloads as of August 2024. Its strengths are survey research utilizing a user base cultivated through more than 20 years of service provision, and menstrual-related health data accumulated in its database.</p>
Participants	Physicians	Respondents are 18 or older	Citizens who are enrolled in Employee Health Insurance or National Health Insurance, and registered to kencom.	Health insurance enrollee (primary insured)	Patient	Patients using the LunaLuna service or healthcare professionals using LunaLuna's professional service

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Survey respondents	Same as survey participants	Same as survey participants	Same as / Different from survey participants	Same as survey participants	Different from survey participants	Same as survey participants
Note			For those registered with kencom, there are some optional questions about the insured's household which may be answered by survey respondents regarding family members in the same household.		Doctor, Medical clerk	
Primary survey items	Number of Patients Under Care, Number of Patients Receiving Prescriptions, Diseases with High Demand for New Drugs, Reasons for Wanting New Drugs, Pharmaceutical Company Metrics: MR Visits / Online Meetings / Digital Information / Trustworthiness, Respondent Profile	Patients' self reported information; prevalence, diagnosis, and treatment rates for more than 165 diseases and conditions, QOL and WPAI of the affected patients, severity and comorbidity, medications used, and characteristics attitude, behaviors (including adherence) toward healthcare.	Life-log of HL, QOL, WPAI, PSQI, number of steps, blood glucose level, blood pressure, and body weight data can be used in Employee Health Insurance and National Health Insurance.	Surveys	This database contains key medical data from domestic surgeries, treatments, and autopsies, including disease incidence, number of patients, and postoperative outcomes.	
Types of available medical data		Patient background and vital signs	Medications, diagnoses, procedures, laboratory tests, hospitalizations, patient background, and vital signs	Medications, diagnoses, procedures, laboratory tests, hospitalizations, patient background, and vital signs		
Combinable other data			Insurance claims from insurers, health check up data, enrollement information.	Receipts, health checkup results, and Can be linked to wearable device data	DPC	
Follow-up data collection	Yes	No	Yes	Yes	Yes	
Timing of the follow-up data collection	Japan: Once a year, US: Biennially, China & UK: At irregular intervals		Survey is sent to kencom registered users once in every 6 months during the period of such insurance coverage.		Depending on the surgery and disease type, prognosis at discharge, 30 days, and 1-15 years is being collected.	

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Data period						
Starting year	2011	Before 2000	2019		2011	
Latest year	2024	2024	2024		2024	2025
Notes		Started in 1998 (Japanese data is from 2008). The 2025 edition is scheduled to be released around January 2026.	The maximum data period is 5 years, and its minimum is 1 year.			
Size						
Number of unique identifiers [approx., 10K people]	2	200	25	130	3000	2100
Notes	The Japanese data covers 20,000 physicians, the US data covers 5,000 physicians, and the Chinese data covers 11,000 physicians.		Numbers were rounded to the nearest whole number.	Number of registrants to whom questionnaires can be sent from January 2024 to December 2024		
Annual number of unique identifiers (latest year) [approx., 10K people]	2	3		130	200	
The latest year	2024	2024		2024	2024	
Notes		Japan Data : 30,000 (The data are processed by magnification factor in accordance with the census data to make the data nationally representative.)		January 2024 - December 2024		
% coverage of target population	Approximately 5.9% of all doctors in Japan	0.03% of the adult population			Covers over 95% of all surgeries performed nationwide.	
Age Distribution						
Age Distribution		Approximately 67% are between 18 and 64 years old and 33% are 65 years old or older	High survey response rate in the 40s and 50s than other, and also high registration rates.		depends on the registry	
Data Access, Others						
Access to raw data via web	Yes	Limited	No	No	No	No
Timing of data update	Annually	Annually	As needed	As needed	Annually	As needed
Others, notes	Japanese data is updated annually.					
Latest data	11 months ago (Japan data updated every September)	12 months ago	December 2024	2 months ago	Data up to December of the previous year	

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Publication						
Number of past scientific presentations using database	2	The total of posters and manuscripts is more than 1,600	18 reports (as of Aug 18, 2025)	There's more than one.	Numerous	4
Number of publications to peer review journal	0	The total of posters and manuscripts is more than 1,600	19 reports (as of Aug 18, 2025)	There's more than one.	Numerous	10