

Survey-based databases available for pharmacoepidemiology researches in Japan (information obtained from survey answers as of August 2026)

	PatientsMap	NHWS	DeSC	JMDC	LunaLuna	NCD
Database administrator	SSRI Co., Ltd. M3, Inc.	SSRI / Oracle Life Sciences	DeSC Healthcare	JMDC.Inc	MTI Ltd.	National Clinical Database
Database name	PatientsMap	National Health and Wellness Survey	kencom	Pep up	lunalunaLINK	National Clinical Database
Contact information	patientsmap@ssri.com	nhws@ssri.com	rwe-psales@desc-hc.co.jp	mdbhelp@jmdc.co.jp	lnln_support@cc.mti.co.jp	public@ncd-core.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://lnln.jp/	https://www.ncd.or.jp/
Published article about the database (DOI)			10.31662/jmaj.2021-0189		10.1097/AOG.00000000000003910 10.1097/AOG.00000000000005476	DOI: 10.1007/ s00595-013-0802-3 DOI: 10.5090/ kjtcs.2014.47.5.437
Database Overview						
General description of the database	This is a large-scale questionnaire survey database targeting over 38,000 physicians across four countries: Japan, the US, China, and the UK. It covers more than 1,000 diseases, including rare diseases. It enables a comprehensive and cross-sectional understanding of the treatment landscape, estimated patient numbers, unmet needs, and promotional activities, including MR visits, for each disease.	This database is based on a survey of more than 2 million adults from 12 major countries and provides not only prevalence, diagnosis, and treatment rates for more than 165 diseases and symptoms, but also allows users to understand characteristics such as QOL and WPAI of patients with these conditions, as well as disease severity, comorbidities, medications used, attitudes and behaviors toward healthcare (including	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.	PHR service covering over 200 or more health insurers nationwide. A panel that can link receipts, health checkup results, and wearable device data, and conduct surveys.	LunaLuna is a women's health information service mainly for menstrual management in Japan, with more than 23 million downloads (as of April 2026). LunaLuna's strength lies in its questionnaire surveys that utilize a user base cultivated through more than 25 years of service provision, and in the physical condition data related to menstruation accumulated in its database.	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.

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Participants	Physician	Respondents are 18 or older	Citizens who are enrolled in Employee Health Insurance or National Health Insurance, and registered to kencom.	Health insurance enrollees (the insured individuals themselves)	Individuals (patients) using the Luna-Luna service, or healthcare professionals using Luna-Luna's services for healthcare professionals.	Patient
Survey respondents	Same as the study participants	Same as the study participants	Both: the study participants themselves and other respondents	Same as the study participants	Same as the study participants	Different from the study 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	Physician Attributes: Main specialty, facility type, hospital bed capacity, board certifications, etc. Clinical Practice: Practice status and estimated patient numbers across approx. 1,000 diseases. Unmet Needs: Diseases requiring new drugs and the reasons why. Promotional Realities: Presence of MR visits/online meetings and internet-based information provision by pharmaceutical companies, along with the reliability and importance of information sources.	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, COST, OF-5, Zarit, QDIS-7 number of steps, blood glucose level, blood pressure, and body weight data can be used in Employee Health Insurance and National Health Insurance.	Surveys	The following items entered by the user. Menstruation start date, menstruation end date, basal body temperature, weight, physical condition (headache, abdominal pain, menstrual pain, ovulation pain, etc.), low-dose pill medication record, infertility treatment record, birth date, etc.	This database contains key medical data from domestic surgeries, treatments, and autopsies, including disease incidence, number of patients, and postoperative outcomes.

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Types of available medical data		Patient characteristics and vital signs	Medications, diagnoses, procedures, tests, hospitalizations, patient characteristics and vital signs	Medications, diagnoses, procedures, tests, hospitalizations, patient characteristics and vital signs		
Combinable other data	Includes partial ICD-10 code mapping		Insurance claims from insurers, health check up data, enrolment 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 data: Updated annually - Other countries: On an irregular basis		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.
Data period						
Starting year	2011	Before 2000	2019			2011
Latest year	2026	2025	2025		2026	2025
Notes		Started in 1998 (Japanese data is from 2008). The 2026 edition is scheduled to be released around January 2027.	Maximum 6 years, minimum 1 year		data up to the time of data extraction can be extracted	

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Size						
Number of unique identifiers [approx., 10K people]	2	200	28	202	2300	3230
Notes	Japan data: 20,000 physicians US data: 6,000 physicians China data: 10,000 physicians		Numbers were rounded to the nearest whole number.	Number of registrants to whom questionnaires can be sent from January 2025 to December 2025	This is the cumulative number of app downloads as of April 2026.	
Annual number of unique identifiers (latest year) [approx., 10K people]	2	3		202		200
The latest year	2026	2025		2025		2025
Notes	These figures apply to the Japan data.	Japan Data : 30,000 (The data are processed by magnification factor in accordance with the census data to make the data nationally representative.)		January 2025 - December 2025	It is not made public. Also, as the numbers vary greatly depending on the data item, we will check the data each time as necessary.	
% coverage of target population	6% (Healthcare professionals in Japan)	30,000 samples (adjusted using an expansion factor based on governmental statistics)			63.2% (women aged 20-39) Number of accounts whose age is 20-39 out of the number of accounts whose age is registered in the app. Denominator: Number of women aged 20-39 in the population estimate (as of October 1, 2022) by the Statistics Bureau of the Ministry of Internal Affairs and Communications	Covers over 95% of all surgeries performed nationwide.

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Age Distribution						
Age Distribution	The age distribution of the surveyed physicians is widely spread, ranging from early-career doctors to highly experienced practitioners.	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.		Most of the users are between 10 and 49 years old, as most of them use the application for menstrual management purposes. In addition, a comparison of the distribution of the prefectures of residence of registered users with the distribution of prefectures in Japan shows a very similar trend.	depends on the registry
Data Access, Others						
Access to raw data via web	Yes	No	No	No	No	No
Timing of data update	Annually	Annually		As needed	As needed	Annually
Others, notes	This update frequency applies to the Japan data.					
Latest data	Japan data: Updated annually in September	12 months ago	8 months prior (as of August 2026)	2 months ago		Data up to last December
Publication						
Number of past scientific presentations using database	2	The total of posters and manuscripts is more than 1,600	20(as of August, 2026)	Multiple	Multiple	Many
Number of publications to peer review journal	0	The total of posters and manuscripts is more than 1,600	14(as of August, 2026)	Multiple	Multiple	Many