



eHR Sharable Data - Healthcare Recipient Index

Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Remark	Data Requirement (Certified Level 3)	Example (Adult)
PMI	eHR number	1001948	A unique eHR healthcare recipient identifier assigned to each patient for each participation in the Hong Kong eHR	ST	String				1. System generated 2. 12 character (check digit included)	M	1234 4567 XXXX
PMI	HKIC number	1001949	The Hong Kong Identity Card number or the Registration Number printed on Hong Kong Birth Certificate (post-1981) or the Consular Corps Identity Card number issued by HKSAR Immigration Department, include the check digit	ST	String				If [Type of identity document] = ID / BC/ CD, HKIC number should be captured under [HKIC number].	M if [Type of identity document] = ID / BC / CD or [Identity document number] is blank O if [Identity document number] is given	A1234XXX
PMI	English surname	1001950	Patient's surname in English	ST	String					M if [Single name indicator] = N or if [Single name indicator] = Y when [English given name] is blank	Chan
PMI	English given name	1001951	Patient's given name in English	ST	String					M if [Single name indicator] = N or if [Single name indicator] = Y when [English surname] is blank	Tai Man Peter
PMI	Single name indicator	1001952	[eHR value] of the "Yes/No" code table. It is used to indicate if the patient has either English surname or English given name only.	CE	Coded Element	If both [English surname] and [English given name] are filled, the [Single name indicator] must be "No"		Yes No	Default as "No"	M	N
PMI	Chinese name	1001953	Patient's full Chinese name.	ST	String					O	
PMI	Chinese Commercial Code	1001954	Chinese Commercial Code for the patient's Chinese name	NM	Numeric					O	1234 1234 1234
PMI	Other name	1001955	Any name by which the patient has been known other than the [English given name - patient] or [Chinese name - patient]	ST	String				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	
PMI	Sex	1001956	[eHR value] of the "Sex" code table. It is used to identify the sex of the patient	CE	Coded Element			Sex		M	M
PMI	Date of birth	102578	The patient's date of birth	TS	Time Stamp					M	02/03/91
PMI	Exact date of birth indicator	1001958	[eHR value] of the "Exact date" code table. It is used to indicate whether the displayed date of patient's birth is the exact birth date as indicated on the patient's identity / travel document.	CE	Coded Element			Exact date		M	EDMY
PMI	Type of identity document	1001959	[eHR value] of the "Type of identity document" code table. It is the type of patient's identity / travel document presented during registration / enrolment / update of the patient's identity / demographic data.	CE	Coded Element			Type of identity document		M	ID
PMI	Identity document number	1001960	The document number of the [Type of identity document - patient].	ST	String data				If [Type of identity document] = ID / BC / CD, HKIC number should be captured under [HKIC number].	M if [HKIC number] is blank O if [HKIC number] is given	
PMI	Issuing country / region	1004032	[eHR value] of the "Country / region" code table. It is the issuing country / region of the [Type of identity document - patient].	CE	Coded Element			Country / region		M if [Type of identity document] is not issued by HKSAR	HK

Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Remark	Data Requirement (Certified Level 3)	Example (Adult)
PMI	Residential address - CSUID	1001966	The Common Spatial Unit ID (CSUID) in the Address Data Infrastructure (ADI) of the patient's residential address	ST	String				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	
PMI	Residential address - Room	1003731	Room number of the patient's residential address	ST	String				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	A
PMI	Residential address - Floor	1003732	Floor number of the patient's residential address	ST	String				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	1/F
PMI	Residential address - Block	1003733	Block name of the patient's residential address	ST	String				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	
PMI	Residential address - Building	1003734	Building name of the patient's residential address	ST	String				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	Kowloon Court
PMI	Residential address - Estate	1003735	Estate, village or lot information of the patient's residential address	ST	String				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	
PMI	Residential address - Street number	1003736	Street number of the patient's residential address	ST	String				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	3
PMI	Residential address - Street name	1003737	Street name of the patient's residential address	ST	String				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	Peak Road
PMI	Residential address - Subdistrict	1003738	Subdistrict of the patient's residential address in the Address Data Infrastructure (ADI)	ST	String				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	
PMI	Residential address - District	1003739	District of the patient's residential address in the Address Data Infrastructure (ADI)	ST	String				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	Sydney
PMI	Residential address - Region	1003740	Region code of the patient's residential address in the Address Data Infrastructure (ADI)	ST	String				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	
PMI	Residential address - State	1003741	State of the patient's residential address	ST	String				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	New South Wales
PMI	Residential address - Country / Territory	1003742	Country / Territory code of the patient's residential address	CE	Coded Element			Country / region	Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	Australia
PMI	Residential address - Postal code	1003743	Postal code of the patient's residential address	ST	String				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	NSW 2000
PMI	Residential address (unstructured data)	1001967	Patient's residential address (unstructured data)	ST	String				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	

Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Remark	Data Requirement (Certified Level 3)	Example (Adult)
PMI	Correspondence address - CSUID	1001968	The Common Spatial Unit ID (CSUID) in the Address Data Infrastructure (ADI) of the patient's correspondence address	ST	String				Internal use only	O	
PMI	Correspondence address - Room	1003744	Room number of the patient's correspondence address	ST	String					M	
PMI	Correspondence address - Floor	1003745	Floor number of the patient's correspondence address	ST	String						
PMI	Correspondence address - Block	1003746	Block name of the patient's correspondence address	ST	String						
PMI	Correspondence address - Building	1003747	Building name or post office box details of the patient's correspondence address	ST	String						Kowloon Post Office Box 1234
PMI	Correspondence address - Estate	1003748	Estate, village or lot information of the patient's correspondence address	ST	String						
PMI	Correspondence address - Street number	1003749	Street number of the patient's correspondence address	ST	String						
PMI	Correspondence address - Street name	1003750	Street name of the patient's correspondence address	ST	String						
PMI	Correspondence address - Subdistrict	1003751	Subdistrict of the patient's address in the Address Data Infrastructure (ADI)	ST	String				N/A for address input by ADI	M if [Correspondence address - Country / Territory] = Hong Kong;	
PMI	Correspondence address - District	1003752	District of the patient's correspondence address in the Address Data Infrastructure (ADI)	ST	String					M if [Correspondence address - Country / Territory] = Hong Kong;	Kowloon
PMI	Correspondence address - Region	1003753	Region code of the patient's correspondence address in the Address Data Infrastructure (ADI)	ST	String					O	
PMI	Correspondence address - State	1003754	State of the patient's correspondence address	ST	String					O	
PMI	Correspondence address - Country / Territory	1003755	Country / Territory code of the patient's correspondence address	CE	Coded Element			Country / region		M	Hong Kong
PMI	Correspondence address - Postal code	1003756	Postal code of the patient's correspondence address	ST	String					O	
PMI	Correspondence address (unstructured data)	1001969	Patient's correspondence address (unstructured data)	ST	String					M if [Correspondence address] is blank	

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Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Remark	Data Requirement (Certified Level 3)	Example (Adult)
PMI	Mobile phone number country code	1003757	Country code of the [Mobile phone number - patient]	NM	Numeric				One of the phone numbers should be provided: [Mobile Phone number], [Home phone number], [Office phone number] or [Other phone number]	O	852
PMI	Mobile phone number area code	1003758	Area code of the [Mobile phone number - patient]	NM	Numeric				One of the phone numbers should be provided: [Mobile Phone number], [Home phone number], [Office phone number] or [Other phone number]	O	
PMI	Mobile phone number	1001971	The patient's mobile phone number	NM	Numeric				One of the phone numbers should be provided: [Mobile Phone number], [Home phone number], [Office phone number] or [Other phone number]	O	9000 0000
PMI	Home phone number country code	1003759	Country code of the [Home phone number - patient]	NM	Numeric				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	61
PMI	Home phone number area code	1003760	Area code of the [Home phone number - patient]	NM	Numeric				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	2
PMI	Home phone number	1001972	The patient's home phone number	NM	Numeric				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	2000 0000
PMI	Office phone number country code	1003761	Country code of the [Office phone number - patient]	NM	Numeric				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	852
PMI	Office phone number area code	1003762	Area code of the [Office phone number - patient]	NM	Numeric				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	
PMI	Office phone number	1001973	The patient's office phone number	NM	Numeric				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	2123 0000
PMI	Office phone extension number	1001974	Extension number of the [Office phone number - patient]	NM	Numeric				Data field inactivated and not being collected in Healthcare Recipient Index with effective from 01.12.2017	O	
PMI	Other phone number country code	1003763	Country code of the [Other phone number - patient]	NM	Numeric		Y		One of the phone numbers should be provided: [Mobile phone number], [Home phone number], [Office phone number] or [Other phone number]	O	
PMI	Other phone number area code	1003764	Area code of the [Other phone number - patient]	NM	Numeric		Y		One of the phone numbers should be provided: [Mobile phone number], [Home phone number], [Office phone number] or [Other phone number]	O	
PMI	Other phone number	1001975	Patient's other phone number	NM	Numeric		Y		One of the phone numbers should be provided: [Mobile phone number], [Home phone number], [Office phone number] or [Other phone number]	O	
PMI	eHR registration start date	1003800	The date the patient registered to eHR	TS	Time Stamp		Y			M	07/01/13
PMI	eHR registration end date	1003801	The date the patient withdrew from eHR (i.e. the withdrawal effective date)	TS	Time Stamp		Y			O	
PMI	Gillick test performed indicator	1003802	[eHR value] of the "Yes/No" code table. It is used to indicate a Gillick test was performed by a healthcare professional for the Minor for giving consent.	CE	Coded Element			Yes No		O	N

Exact Date

Purpose : to indicate whether the captured date exactly match the data shown on supporting document, e.g. Hong Kong Identity Card

Reference : eHR

Term ID	eHR Value	eHR Description
9050130	EY	Exact year
9050129	EMY	Exact month, year
9050128	EDMY	Exact day, month, year

Country / region

Purpose : to indicate (i) the issuing country / region of the type of identity document for eHR registration, and (ii) the country / territory of the address.

Reference : Digital Policy Office (ISO 3166-1-alpha-2 code)

Term ID	eHR Value	eHR Description	eHR Description (original language if not in English)	Remark
9050005	AF	Afghanistan		
9050491	AX	Aland Islands	Aland Islands	
9050006	AL	Albania		
9050007	DZ	Algeria		
9050011	AS	American Samoa		
9050014	AD	Andorra		
9050016	AO	Angola		
9050018	AI	Anguilla		
9050018	AQ	Antarctica		
9050019	AG	Antigua And Barbuda		
9050020	AR	Argentina		
9050021	AM	Armenia		
9050022	AW	Aruba		
9050026	AU	Australia		
9050027	AT	Austria		
9050028	AZ	Azerbaijan		
9050029	BS	Bahamas		
9050030	BH	Bahrain		
9050031	BD	Bangladesh		
9050032	BB	Barbados		
9050033	BY	Belarus		
9050034	BE	Belgium		
9050034	BZ	Belize		
9050036	BJ	Benin		
9050037	BM	Bermuda		
9050038	BT	Bhutan		
9050040	BO	Bolivia, Plurinational State Of		
9050041	BQ	Bonaire, Sint Eustatius And Saba		
9050045	BA	Bosnia And Herzegovina		
9050046	BW	Botswana		
9050047	BV	Bouvet Island		
9050048	BR	Brazil		
9050050	IO	British Indian Ocean Territory		
9050051	BN	Brunei Darussalam		
9050052	BG	Bulgaria		
9050053	BF	Burkina Faso		
9050054	BI	Burundi		
9050055	KH	Cambodia		
9050056	CM	Cameroon		
9050057	CA	Canada		
9050060	CV	Cape Verde		
9050063	KY	Cayman Islands		
9050064	CF	Central African Republic		
9050066	TD	Chad		
9050069	CL	Chile		
9050070	CN	China		Display as Mainland China as appropriate
9050073	CX	Christmas Island		
9050081	CC	Cocos (Keeling) Islands		
9050082	CO	Colombia		

Term ID	eHR Value	eHR Description	eHR Description (original language if not in English)	Remark
9050086	KM	Comoros		
9050088	CG	Congo		
9050089	CD	Congo, The Democratic Republic Of The		
9050091	CK	Cook Islands		
9050092	CR	Costa Rica		
9050492	CW	Curacao	Curaçao	
9050493	CI	Cote Divoire	Côte D'Ivoire	
9050094	HR	Croatia		
9050095	CU	Cuba		
9050096	CY	Cyprus		
9050097	CZ	Czech Republic		
9050100	DK	Denmark		
9050100	DJ	Djibouti		
9050112	DM	Dominica		
9050113	DO	Dominican Republic		
9050115	EC	Ecuador		
9050116	EG	Egypt		
9050117	SV	El Salvador		
9050123	GQ	Equatorial Guinea		
9050124	ER	Eritrea		
9050125	EE	Estonia		
9050126	ET	Ethiopia		
9050132	FK	Falkland Islands (Malvinas)		
9050134	FO	Faroe Islands		
9050136	FJ	Fiji		
9050138	FI	Finland		
9050140	FR	France		
9050141	GF	French Guiana		
9050142	PF	French Polynesia		
9050143	TF	French Southern Territories		
9050144	GA	Gabon		
9050145	GM	Gambia		
9050151	GE	Georgia		
9050153	DE	Germany		
9050154	GH	Ghana		
9050155	GI	Gibraltar		
9050157	GR	Greece		
9050158	GL	Greenland		
9050159	GD	Grenada		
9050161	GP	Guadeloupe		
9050162	GU	Guam		
9050163	GT	Guatemala		
9050164	GG	Guernsey		
9050165	GN	Guinea		
9050166	GW	Guinea-Bissau		
9050167	GY	Guyana		
9050172	HT	Haiti		
9050173	HM	Heard Island And Mcdonald Islands		
9050177	VA	Holy See (Vatican City State)		
9050178	HN	Honduras		
9050179	HK	Hong Kong		
9050185	HU	Hungary		
9050187	IS	Iceland		
9050194	IN	India		

Term ID	eHR Value	eHR Description	eHR Description (original language if not in English)	Remark
9050195	ID	Indonesia		
9050209	IR	Iran, Islamic Republic Of		
9050210	IQ	Iraq		
9050211	IE	Ireland		
9050212	IM	Isle Of Man		
9050213	IL	Israel		
9050214	IT	Italy		
9050215	JM	Jamaica		
9050216	JP	Japan		
9050217	JE	Jersey		
9050218	JO	Jordan		
9050219	KZ	Kazakhstan		
9050220	KE	Kenya		
9050221	KI	Kiribati		
9050222	KP	Korea, Democratic People's Republic Of		
9050223	KR	Korea, Republic Of		
9050224	KW	Kuwait		
9050226	KG	Kyrgyzstan		
9050228	LA	Lao People's Democratic Republic		
9050229	LV	Latvia		
9050230	LB	Lebanon		
9050237	LS	Lesotho		
9050239	LR	Liberia		
9050240	LY	Libyan Arab Jamahiriya		
9050241	LI	Liechtenstein		
9050242	LT	Lithuania		
9050245	LU	Luxembourg		
9050246	MO	Macao		
9050247	MK	Macedonia, The Former Yugoslav Republic Of		
9050248	MG	Madagascar		
9050250	MW	Malawi		
9050251	MY	Malaysia		
9050252	MV	Maldives		
9050254	ML	Mali		
9050255	MT	Malta		
9050256	MH	Marshall Islands		
9050257	MQ	Martinique		
9050260	MR	Mauritania		
9050261	MU	Mauritius		
9050262	YT	Mayotte		
9050265	MX	Mexico		
9050267	FM	Micronesia, Federated States Of		
9050271	MD	Moldova, Republic Of		
9050273	MC	Monaco		
9050274	MN	Mongolia		
9050275	ME	Montenegro		
9050276	MS	Montserrat		
9050277	MA	Morocco		
9050278	MZ	Mozambique		
9050282	MM	Myanmar (Burma)		
9050283	NA	Namibia		
9050284	NR	Nauru		
9050286	NP	Nepal		
9050288	NL	Netherlands		

Term ID	eHR Value	eHR Description	eHR Description (original language if not in English)	Remark
9050291	NC	New Caledonia		
9050292	NZ	New Zealand		
9050294	NI	Nicaragua		
9050295	NE	Niger		
9050296	NG	Nigeria		
9050297	NU	Niue		
9050301	NF	Norfolk Island		
9050302	MP	Northern Mariana Islands		
9050301	NO	Norway		
9050303	OM	Oman		
9050332	PK	Pakistan		
9050333	PW	Palau		
9050334	PS	Palestinian Territory, Occupied		
9050337	PA	Panama		
9050338	PG	Papua New Guinea		
9050339	PY	Paraguay		
9050342	PE	Peru		
9050346	PH	Philippines		
9050348	PN	Pitcairn		
9050351	PL	Poland		
9050352	PT	Portugal		
9050363	PR	Puerto Rico		
9050364	QA	Qatar		
9050494	RE	Reunion	Réunion	
9050388	RO	Romania		
9050389	RU	Russian Federation		
9050390	RW	Rwanda		
9050495	BL	Saint Barthelemy	Saint Barthélemy	
9050391	SH	Saint Helena, Ascension And Tristan Da Cunha		
9050450	KN	Tts And Nevis		
9050392	LC	Saint Lucia		
9050393	MF	Saint Martin		
9050394	PM	Saint Pierre And Miquelon		
9050395	VC	Saint Vincent And The Grenadines		
9050396	WS	Samoa		
9050397	SM	San Marino		
9050398	ST	Sao Tome And Principe		
9050399	SA	Saudi Arabia		
9050401	SN	Senegal		
9050403	RS	Serbia		
9050405	SC	Seychelles		
9050408	SL	Sierra Leone		
9050409	SG	Singapore		
9050410	SX	Sint Maarten (Dutch Part)		
9050411	SK	Slovakia		
9050412	SI	Slovenia		
9050413	SB	Solomon Islands		
9050414	SO	Somalia		
9050415	ZA	South Africa		
9050416	GS	South Georgia And The South Sandwich Islands		
9050417	SS	South Sudan		
9050418	ES	Spain		
9050422	LK	Sri Lanka		
9050426	SD	Sudan		

Term ID	eHR Value	eHR Description	eHR Description (original language if not in English)	Remark
9050428	SR	Suriname		
9050429	SJ	Svalbard And Jan Mayen		
9050430	SZ	Swaziland		
9050431	SE	Sweden		
9050432	CH	Switzerland		
9050433	SY	Syrian Arab Republic		
9050435	TW	Taiwan		
9050436	TJ	Tajikistan		
9050437	TZ	Tanzania, United Republic Of		
9050438	TH	Thailand		
9050439	TL	Timor-Leste		
9050440	TG	Togo		
9050441	TK	Tokelau		
9050442	TO	Tonga		
9050447	TT	Trinidad And Tobago		
9050452	TN	Tunisia		
9050453	TR	Turkey		
9050454	TM	Turkmenistan		
9050455	TC	Turks And Caicos Islands		
9050456	TV	Tuvalu		
9050458	UG	Uganda		
9050459	UA	Ukraine		
9050462	AE	United Arab Emirates		
9050464	GB	United Kingdom		
9050465	US	United States		
9050466	UM	United States Minor Outlying Islands		
9050473	UY	Uruguay		
9050474	UZ	Uzbekistan		
9050475	VU	Vanuatu		
9050476	VE	Venezuela, Bolivarian Republic Of		
9050477	VN	Viet Nam		
9050478	VG	Virgin Islands, British		
9050479	VI	Virgin Islands, U.S.		
9050482	WF	Wallis And Futuna		
9050483	EH	Western Sahara		
9050484	YE	Yemen		
9050486	ZM	Zambia		
9050487	ZW	Zimbabwe		

Remarks: The codex was initially developed with reference to the Office of the Government Chief Information Officer (OGCIO). The source of reference has changed to the Digital Policy Office as of July 2024 following the re-organisation of OGCI0 and Efficiency Office (EfFO) and set-up of the Digital Policy Office on 25 July 2024.

Sex

Purpose : to indicate the sex of a person

Reference : Digital Policy Office (HL7)

Term ID	eHR Value	eHR Description
9050135	F	Female
9050253	M	Male
9050467	U	Unknown sex

*Remarks: The codex was initially developed with reference to the Office of the Government Chief Information Officer (OGCIO).
The source of reference has changed to the Digital Policy Office as of July 2024 following the re-organisation of OGCIO and Efficiency Office (EffO) and set-up of the Digital Policy Office on 25 July 2024.*

Type of identity document

Purpose : to identify the type of identity document the patient presented during eHR registration

Reference : HA

Term ID	eHR Value	eHR Description	Chinese Description	Full Description
9050004	AR	Adoption Certificate	領養證明書	Adopted Children Register (include those issued by HKSAR and non-HKSAR government authorities)
9050039	BC	Birth Certificate - HK	香港出生證明書	Hong Kong Birth Certificate
9050713	CD	Consular Corps ID Card	領事團身份證	Consular Corps Identity Card
9050111	DI	Document of Identity for Visa Purposes	香港特別行政區簽證身份書	HKSAR Document of Identity for Visa Purposes
9050131	EC	Exemption Certificate	豁免證明書(或稱豁免登記證明書)	Certificate of Exemption
9050496	ED	eHR document	電子健康紀錄文件	Document issued by eHRC for newborn registration
9050175	ID	HKID Card	香港身份證	Hong Kong Identity Card
9050515	MD	Macao ID Card	澳門身份證	Macao Identity Card
9050189	OC	Travel documents - PRC	中華人民共和國發出之其他旅遊證件	Other travel documents issued by the People Republic of China government / authorising agent, exclude One-way Permit and Two-way Permit
9050188	OP	Travel document - overseas	其他國家/地區發出之旅遊證件	Travel documents issued by other countries / regions
9050311	OW	One-way Permit	單程証	One-way Permit
9050516	RE	Recognizance Form	擔保書(行街紙)	Recognizance Form
9050370	RP	Re-entry Permit	香港特別行政區回港證	HKSAR Re-entry Permit
9050457	TW	Two-way Permit	雙程証	Two-way Permit

Yes no
Reference : HL7

Term ID	eHR Value	eHR Description
9050485	Y	Yes
9050298	N	No