

CaRMS - Data Definitions

Group ID	Group	Element ID	Element	Element Definition	Reporting Element ID	Reporting / Related Measure	Reporting / Related Description	Calculation / Uses
1.0	CaRMS Match	1.1	R-1	The R-1 Main Residency Match (R-1 match) for entry level postgraduate training positions.	1.1.1	No. of match iteration attempts	Number of times an applicant participates in a CaRMS match. This may include participation in multiple iterations of a particular match. Participation is defined as submitting at least one application and a rank order list.	Count (sum)
		1.2	FM/ES	The Family Medicine/Enhanced Skills Match (FM/ES match) is for applicants who are completing or have completed postgraduate training in Family Medicine in Canada and want to pursue enhanced skills training. This match was formerly called the Family Medicine/Emergency Medicine Match (FM/EM match). Data reports produced prior to 2021 reflect the old match name.				

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		1.3	PSM	The Pediatric Subspecialty Match (PSM) is for residents currently in a Pediatric residency training program who are looking to apply for subspecialty training.				
		1.4	MSM	The Medicine Subspecialty Match (MSM) is for residents currently in an Internal Medicine residency training program who are looking to apply for subspecialty training.				
2.0	Match Components	2.1	Applicant rank order list (ROL)	A series of values (ranks) that an applicant provides to identify the order of preference of their programs of choice.				
		2.1.1	Program rank order list	A series of values (ranks) that a program provides to identify the order of preference of their applicants of choice.				

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		2.2	Iteration	<p>For these purposes, an iteration is defined the repetition of the match process. The initial cycle is the 1st iteration. A repetition of the cycle becomes the 2nd iteration.</p> <p>Some matches have only one iteration, while others have multiple iterations that are labelled with numbers (pre-fixed) .</p>				
		2.3	Match year	The calendar year in which residency training is scheduled to begin.				
		2.4	Application	<p>Information provided in order to be considered by a program. Sometimes referred to as an "Application package".</p> <p>Application differs from registration, as successful completion of the registration process confers the ability to participate in a CaRMS match, whereas the application process shows interest in a particular program.</p>	2.4.1	Average no. of program applications	The number of applications submitted divided by the number of applicants who applied to at least one program.	Average
					2.4.2	No. of applications submitted	The applications submitted to programs.	Count (sum)

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3.0	Applicant composition	3.1	Registrant	A medical trainee who is registered in the CaRMS Online system.	3.1.1	No. of registrants	Medical trainee who is registered in the CaRMS Online system.	Count (sum)
		3.2	Active applicant	A medical trainee who is registered in the CaRMS Online system, is eligible to participate in a residency match and has submitted at least one application to a program.	3.2.1	No. of active applicants	Medical trainees who are registered in the CaRMS Online system to participate in a residency match and have submitted at least one application to a program.	Count (sum)
					3.2.2	No. of applicants where ROL not submitted	Applicants who submitted an application to a program and have not submitted a rank order list.	Count(sum)
		3.3	Inactive applicant	A medical trainee who is registered in the CaRMS Online system, is eligible to participate in a residency match and has either: 1) withdrawn all their applications or 2) has not applied to any program.	3.3.1	No. of inactive applicants	Measurement of the number of applicants who have requested a withdrawal of all their applications or not applied to a program.	Count (sum)
		3.4	Match participant	A medical trainee who is registered in the CaRMS Online system to participate in a residency match and has submitted at least one application to a program and ranked at least one program.	3.4.1	No. of final match participants	Measurement of the number medical trainees who are registered in the CaRMS Online system to participate in a residency match and have submitted at least one application to a program and ranked at least one program.	Count (sum)

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4.0	Trainee Type	4.1	Canadian Medical Graduate (CMG)	Applicant type identified as a Canadian trainee receiving their MD from one of the LCME/CACMS accredited medical schools in Canada. (17 in 2019)	4.1.1	No. of distinct CMG applicants	Unique CMG applicants based on their unique applicant identifier. Often used when calculating across match iterations.	Count (sum)
		4.2	United States Medical Graduate (USMG)	Applicant type identified as a United States medical graduate receiving their MD from a LCME/CACMS accredited medical school within the United States (154 in 2019), or applicants receiving their Doctor of Osteopathy (DO) from an AACOM accredited osteopathic medical school in the United States (35 in 2019).	4.2.1	No. of distinct USMG applicants	Unique USMG applicants based on their unique applicant identifier. Often used when calculating across match iterations.	Count (sum)
					4.2.2	Allopathic USMG applicants	Applicants with an MD from the 154 LCME/CACMS accredited medical school in the United States.	
					4.2.3	Osteopathic USMG applicants	Applicants with a DO from the 35 AACOM accredited osteopathic medical schools in the United States.	
		4.3	International Medical Graduate (IMG)	Applicant type identified as an International medical graduate receiving their MD from an international medical school listed with the World Directory of Medical Schools published	4.3.1	New IMG registrant	An international medical trainee that is participating for the first time in a residency match.	

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				by the Foundation for the Advancement of International Medical Education and Research (FAIMER) and the World Federation for Medical Education (WFME).	4.3.2	Returning IMG registrant	International medical trainee that is participating for the second or subsequent time in a residency match.	
					4.3.3	No. of distinct IMG applicants	Unique IMG applicants based on their unique applicant identifier. Often used when calculating across match iterations.	Count (sum)
5.0	Applicant Characteristics	5.1	Year of graduation	Year in which applicant is anticipated to receive or has received their medical degree. For CMGs, date is provided by the graduating school. IMGs and USMGs self identify their year of graduation.				
		5.2	Current year medical graduate	Descriptor identifying a that the applicant is anticipated to graduate with their MD within the current match year cycle. Based on the year of graduation on the class list provided by the medical school (for Canadian medical graduates). Year of graduation for USMGs and IMGs is self-identified.	5.2.1	No. of current year medical graduates	Measure identifying the number of applicants expected to graduate with their MD within the current match year cycle. Based on the year of graduation on the class list provided by the medical school (for Canadian medical graduates). Year of graduation for USMGs and IMGs is self-identified.	Count (sum)

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					5.2.2	Current year medical graduate first attempt at match process	Descriptor identifying that the applicant is expected to graduate with their MD within the current match year cycle. Based on the year of graduation on the class list provided by the medical school (for Canadian medical graduates). Year of graduation for USMGs and IMGs is self-identified. Individual is attempting a match for the first time.	Count (sum)
					5.2.3	Current year medical graduate with more than one match attempt	Descriptor identifying that the applicant is expected to graduate with their MD within the current match year cycle. Based on the year of graduation on the class list provided by the medical school (for Canadian medical graduates). Year of graduation for USMGs and IMGs is self-identified. Individual has previously attempted a match but has deferred their graduation date.	Count (sum)

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		5.3	Previous years medical graduate	Descriptor identifying that the applicant graduated with their MD outside the current match year cycle. Based on the year of graduation on the class list provided by the medical school (for Canadian medical graduates). Year of graduation for USMGs and IMGs is self-identified.	5.3.1	No. of previous years medical graduates	Graduates that received their medical degree in years previous to the current match year cycle.	Count (sum)
					5.3.2	Previous years medical graduate first attempt at matching	Descriptor identifying that the applicant graduated with their MD outside the current match year cycle. Based on the year of graduation on the class list provided by the medical school (for Canadian medical graduates). Year of graduation for USMGs and IMGs is self-identified. Individual is attempting a match for the first time.	

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					5.3.3	Previous years medical graduate multiple attempts at matching	Descriptor identifying that the applicant graduated with their MD outside the current match year cycle. Based on the year of graduation on the class list provided by the medical school (for Canadian medical graduates). Year of graduation for USMGs and IMGs is self-identified. Individual has attempted to match one or more times.	
		5.4	Regions within Canada	Geographic rollup of medical schools within Canada. Regions are defined as West, Quebec, Ontario, and East.				West: UBC, Calgary, U of A, Sask, Man Ontario: McMaster, Toronto, Western, Ottawa, Queen's, NOSM Quebec: Laval, McGill, Montreal, Sherbrooke East: Dal, MUN
		5.5	IMG region	Geographic region depicting the location of graduation of an international medical graduate.				
6.0	Disciplines and positions (quota)	6.1	Discipline group	A rollup grouping of medical and surgical disciplines.		Family Medicine Internal Medicine Surgical Disciplines Non-surgical Disciplines		

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		6.2	Discipline	Area of training as defined by the certifying colleges - Royal College, CFPC and CMQ.				
		6.3	Residency program	University-based program based on discipline that is offered to applicants .				
		6.4	Program site / location	Geographic locations (may include city or community) of a specific program.	6.4.1	No. of program sites	Measure counting the number of unique program sites based on the unique program name provided in the program description. Uses quota stream ID as system identifier.	Count (sum)
		6.5	Program stream	Allocation of positions based on eligibility. Can be limited to CMG, IMG, MMTP/MOTP (Military), or Competitive (both CMG and IMG applicants are eligible).				
		6.6	Quota	The number of allocated residency positions. The lowest level at which this information can be detailed is the program quota stream, which includes school, program site and program stream (CMG, IMG, Competitive, MMTP/MOTP).				Count (sum) Ratio (Supply vs. demand) Ratio (quota to CMGs) Participation rate Proposed Quota (quota posted in program descriptions before match) Revised / Final Quota (quota used during the match after reversions) Filled / Unfilled Fill rate

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		6.7	CMG Quota	The number of allocated residency positions available to Canadian medical graduates (CMGs). It should be noted that this includes the competitive positions in the province of Quebec that are open to both Canadian medical graduates (CMGs) and international medical graduates (IMGs). This also includes the military MOTP/MMTP positions.				
		6.8	IMG Quota	The number of allocated residency positions available to International medical graduates only (IMGs).				
7.0	Match Results	7.1	Matched	Descriptor identifying if a final participant matched (y/n) within the current match cycle.	7.1.1	No. of matched applicants	Final match participants matched to a program in the residency match process.	Count (sum)
					7.1.2	% of applicants matched	Percentage calculated by dividing the number of matched applicants by the number of applicants that submitted at least one application and have ranked at least one program.	

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		7.2	Unmatched	Descriptor identifying if an applicant went unmatched (y/n) within the current match cycle.	7.2.1	No. of unmatched applicants	Final match applicants that did not match to a program in the match process. Applicant submitted at least one application and ranked at least one program.	Count (sum)
					7.2.2	% of applicants unmatched	Percentage calculated by dividing the number of unmatched applicants by the number of applicants that submitted at least one application and ranked at least one program.	
		7.3	Matched with prior PG training	Descriptor identifying an individual applicant that matched to a program, but had matched in a previous match cycle and identified as having previous postgraduate training.	7.3.1	No. of matched applicants with prior PG training	Applicants that matched to a program and had previously matched to a program in a prior year's match process.	Count (sum)