CE04: Conditions, stratified by year, age group and gender

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| This query is used to count conditions (condition\_concept\_id) across all condition era records stratified by year, age group and gender (gender\_concept\_id). The age groups are calculated as 10 year age bands from the age of a person at the condition era start date. The input to the query is a value (or a comma-separated list of values) of a condition\_concept\_id , year, age\_group (10 year age band) and gender\_concept\_id. If the input is ommitted, all existing value combinations are summarized..  **Input:**   |  |  |  |  | | --- | --- | --- | --- | | **Parameter** | **Example** | **Mandatory** | **Notes** | | condition\_concept\_id |  |  |  | | gender\_concept\_id |  |  |  | | gender\_concept\_id |  |  |  | | age\_group |  |  |  |   **Sample query run:** The following is a sample run of the query. The input parameters are highlighted in **blue**    CREATE TEMP TABLE  age\_age\_grp  (  age INT,  age\_grp VARCHAR(100)  )  ;  INSERT INTO  age\_age\_grp  VALUES  (1, '0 to 9'),  (2, '0 to 9'),  (3, '0 to 9'),  (4, '0 to 9'),  (5, '0 to 9'),  (6, '0 to 9'),  (7, '0 to 9'),  (8, '0 to 9'),  (9, '0 to 9'),  (10, '10 to 19'),  (11, '10 to 19'),  (12, '10 to 19'),  (13, '10 to 19'),  (14, '10 to 19'),  (15, '10 to 19'),  (16, '10 to 19'),  (17, '10 to 19'),  (18, '10 to 19'),  (19, '10 to 19'),  (20, '20 to 29'),  (21, '20 to 29'),  (22, '20 to 29'),  (23, '20 to 29'),  (24, '20 to 29'),  (25, '20 to 29'),  (26, '20 to 29'),  (27, '20 to 29'),  (28, '20 to 29'),  (29, '20 to 29'),  (30, '30 to 39'),  (31, '30 to 39'),  (32, '30 to 39'),  (33, '30 to 39'),  (34, '30 to 39'),  (35, '30 to 39'),  (36, '30 to 39'),  (37, '30 to 39'),  (38, '30 to 39'),  (39, '30 to 39'),  (40, '40 to 49'),  (41, '40 to 49'),  (42, '40 to 49'),  (43, '40 to 49'),  (44, '40 to 49'),  (45, '40 to 49'),  (46, '40 to 49'),  (47, '40 to 49'),  (48, '40 to 49'),  (49, '40 to 49'),  (50, '50 to 59'),  (51, '50 to 59'),  (52, '50 to 59'),  (53, '50 to 59'),  (54, '50 to 59'),  (55, '50 to 59'),  (56, '50 to 59'),  (57, '50 to 59'),  (58, '50 to 59'),  (59, '50 to 59'),  (60, '60 to 69'),  (61, '60 to 69'),  (62, '60 to 69'),  (63, '60 to 69'),  (64, '60 to 69'),  (65, '60 to 69'),  (66, '60 to 69'),  (67, '60 to 69'),  (68, '60 to 69'),  (69, '60 to 69'),  (70, '70 to 79'),  (71, '70 to 79'),  (72, '70 to 79'),  (73, '70 to 79'),  (74, '70 to 79'),  (75, '70 to 79'),  (76, '70 to 79'),  (77, '70 to 79'),  (78, '70 to 79'),  (79, '70 to 79'),  (80, '80 to 89'),  (81, '80 to 89'),  (82, '80 to 89'),  (83, '80 to 89'),  (84, '80 to 89'),  (85, '80 to 89'),  (86, '80 to 89'),  (87, '80 to 89'),  (88, '80 to 89'),  (89, '80 to 89'),  (90, '90 to 99'),  (91, '90 to 99'),  (92, '90 to 99'),  (93, '90 to 99'),  (94, '90 to 99'),  (95, '90 to 99'),  (96, '90 to 99'),  (97, '90 to 99'),  (98, '90 to 99'),  (99, '90 to 99'),  (100, '100 to 109'),  (101, '100 to 109'),  (102, '100 to 109'),  (103, '100 to 109'),  (104, '100 to 109'),  (105, '100 to 109'),  (106, '100 to 109'),  (107, '100 to 109'),  (108, '100 to 109'),  (109, '100 to 109'),  (110, '110 to 119'),  (111, '110 to 119'),  (112, '110 to 119'),  (113, '110 to 119'),  (114, '110 to 119'),  (115, '110 to 119'),  (116, '110 to 119'),  (117, '110 to 119'),  (118, '110 to 119'),  (119, '110 to 119')  ;  SELECT  condition,  year,  age\_grp,  gender,  count(\*)  FROM  (  SELECT  person.person\_id ,  cond\_name.concept\_name AS condition ,  EXTRACT( YEAR FROM condition\_era\_start\_date ) AS year ,  gender.concept\_name As GENDER ,  EXTRACT( YEAR FROM condition\_era\_start\_date ) - year\_of\_birth AS age ,  age\_grp  FROM condition\_era condition  JOIN concept cond\_name  ON cond\_name.concept\_id = condition\_concept\_id  JOIN person  ON person.person\_id = condition.person\_id  JOIN concept gender  ON gender.concept\_id = 8507  JOIN age\_age\_grp  ON age = EXTRACT( YEAR FROM CONDITION\_ERA\_START\_DATE ) - year\_of\_birth  )  GROUP BY  condition,  year,  age\_grp,  gender  ORDER BY  condition,  year,  age\_grp,  gender;  **Output:** Output field list:   |  |  | | --- | --- | | **Field** | **Description** | | condition |  | | year |  | | age\_grp |  | | gender |  | | count |  |   Sample output record:   |  |  | | --- | --- | | **Field** | **Description** | | condition |  | | year |  | | age\_grp |  | | gender |  | | count |  | |