

Query	Result			
SELECT age_group, COUNT(*) AS heart_attack_cases	age_group	heart_attack_cases		
FROM `heart-attack-analysis-451504.Heart_attack_analysis.north_america_combined`	Adult	599520		
GROUP BY age_group	Youth	400894		
ORDER BY age_group;				
SELECT gender, COUNT(*) AS total_cases	gender	total_cases		
FROM `heart-attack-analysis-451504.Heart_attack_analysis.north_america_combined`	Male	480527		
GROUP BY gender	Female	480154		
ORDER BY total_cases DESC;	Other	39733		
SELECT Region_Category, COUNT(*) AS case_count				
FROM `heart-attack-analysis-451504.Heart_attack_analysis.north_america_combined`	Region_Category	case_count		
GROUP BY Region_Category	United States	750310		
ORDER BY case_count DESC	Canada	130053		
LIMIT 10;	Mexico	120051		
SELECT smoking_status, COUNT(*) AS case_count	smoking_status	case_count		
FROM `heart-attack-analysis-451504.Heart_attack_analysis.north_america_combined`	Non-smoker	599642		
GROUP BY smoking_status	Former Smoker	250826		
ORDER BY case_count DESC;	Current Smoker	149946		
SELECT cholesterol_level, COUNT(*) AS case_count	cholesterol_level	case_count		
FROM `heart-attack-analysis-451504.Heart_attack_analysis.north_america_combined`	299	5548		
GROUP BY cholesterol_level	298	5470		
ORDER BY cholesterol_level DESC;	297	5480		
	296	5689		
	295	5572		
	294	5344		
	293	5555		
SELECT BMI, COUNT(*) AS case_count	BMI	case_count		
FROM `heart-attack-analysis-451504.Heart_attack_analysis.north_america_combined`	18.6	4722		
GROUP By BMI	24.5	4704		
ORDER BY case_count DESC;	21.3	4694		
SELECT physical_activity, COUNT(*) AS case_count	physical_activity	case_count		
FROM `heart-attack-analysis-451504.Heart_attack_analysis.north_america_combined`	Good	497170		
GROUP BY physical_activity	Moderate	333652		
ORDER BY case_count DESC;	Bad	169592		
SELECT Age_Group,	Age_Group	Total_Cases	Death_Cases	Mortality_Rate
COUNT(*) AS Total_Cases,	Youth	400894	40431	10.09
SUM(CASE WHEN Heart_Attack = 'Heart Attack Occurred' THEN 1 ELSE 0 END) AS Death_Cases,	Adult	599520	59906	9.99
ROUND(SUM(CASE WHEN Heart_Attack = 'Heart Attack Occurred' THEN 1 ELSE 0 END) * 100.0 / COUNT(*), 2) AS Mortality_Rate				
FROM `heart-attack-analysis-451504.Heart_attack_analysis.north_america_combined`				
GROUP BY Age_Group				
ORDER BY Mortality_Rate DESC;				
SELECT Stress_Level, COUNT(*) AS Heart_Attack_Cases	Stress_Level	Heart_Attack_Cases		
FROM `heart-attack-analysis-451504.Heart_attack_analysis.north_america_combined`	High	20133		
WHERE Heart_Attack = 'Heart Attack Occurred'	Low	29944		
GROUP BY Stress_Level	Moderate	50260		
ORDER BY Heart_Attack_Cases DESC;				
SELECT Medication_Status, COUNT(*) AS case_count	Medication_Status	case_count		
FROM `heart-attack-analysis-451504.Heart_attack_analysis.north_america_combined`	Not on Medication	849840		
GROUP BY Medication_Status	On Medication	150574		
ORDER BY case_count DESC;				