

## GEOMETRY FUNCTIONS

ST\_Area(polygon)  
ST\_AsBinary(geometry)  
ST\_AsGML(geometry)  
ST\_AsGeoJSON(geometry)  
ST\_AsKML(geometry)  
ST\_AsSVG(geometry)  
ST\_AsText(geometry)  
ST\_Buffer(geometry, distance)  
ST\_Centroid(geometry)  
ST\_Contains(geometry, geometry)  
ST\_ConvexHull(geometry)  
ST\_Crosses(geometry, geometry)  
ST\_Difference(geometry, geometry)  
ST\_DWithin(geometry, geometry, radius)  
ST\_Disjoint(geometry, geometry)  
ST\_Distance(geometry, geometry)  
ST\_EndPoint(linestring)  
ST\_Equals(geometry, geometry)  
ST\_ExteriorRing(polygon)  
ST\_GeomFromGML(text)  
ST\_GeomFromKML(text)  
ST\_GeomFromText(text, srid)  
ST\_GeomFromWKB(bytea)  
ST\_GeometryN(collection, n)  
ST\_GeometryType(geometry)  
ST\_InteriorRingN(polygon, n)  
ST\_Intersects(geometry, geometry)  
ST\_Intersection(geometry, geometry)  
ST\_IsValid(geometry)  
ST\_IsValidReason(geometry)  
ST\_Length(linestring)  
ST\_MakePoint(double, double)  
ST\_NumPoints(linestring)  
ST\_NumRings(polygon)  
ST\_NumGeometries(collection)  
ST\_OrderingEquals(geometry, geometry)  
ST\_Overlaps(geometry, geometry)  
ST\_Perimeter(polygon)  
ST\_PointOnSurface(geometry)

ST\_Relate(geometry, geometry)  
ST\_Reverse(geometry)  
ST\_Simplify(geometry)  
ST\_SRID(geometry)  
ST\_StartPoint(linestring)  
ST\_SymDifference(geometry, geometry)  
ST\_Touches(geometry, geometry)  
ST\_Union(geometry, geometry)  
ST\_Union([geometry])  
ST\_Within(geometry, geometry)  
ST\_X(point)  
ST\_Y(point)  
ST\_Z(point)

## GEOGRAPHY FUNCTIONS

ST\_Area(geography)  
ST\_AsBinary(geography)  
ST\_AsGML(geography)  
ST\_AsGeoJson(geography)  
ST\_AsKML(geography)  
ST\_AsSVG(geography)  
ST\_AsText(geography)  
ST\_Buffer(geography,distance)  
ST\_CoveredBy(geography,geography)  
ST\_Covers(geography,geography)  
ST\_DWithin(geography,geography,float8)  
ST\_Distance(geography,geography)  
ST\_GeogFromWKB(bytea)  
ST\_GeographyFromText(text)  
ST\_Intersection(geography,geography)  
ST\_Intersects(geography,geography)  
ST\_Length(geography)