

```

(function() {
  var proj = d3.geo.albers(), // type of projection
      path = d3.geo.path().projection(proj); // get path generator from projection

  var profiles = {};

  d3.json("provinces.json", function(canada) {
    d3.csv("census-profile.csv", function(profile) {
      profile.forEach(function(provinceProfile) {
        profiles[provinceProfile.Prov_Name] = provinceProfile;
      });
    });
    d3.json("elections.json", function(electionResultsJson) {
      ready(canada, profiles, electionResultsJson);
    });
  });

  function ready(canada, profiles, electionsData) {
    var provinces = d3
      .select("#canvas")
      .append("g")
      .attr("class", "provinces")
      .selectAll("path")
      .data(topojson.object(canada, canada.objects.provinces).geometries)
      .enter()
      .append("path")
      .attr("class", "province")
      .attr("d", path)
      .attr("transform", "translate(0,250)scale(0.5,0.5)")
      .on("mouseover", function(data) {
        var provinceName = profiles[data.id].Prov_Name;
        var parties = Object.values(
          electionsData[provinceName].parties
        ).map(
          party => `${party.party}: ${party.seats} (${party.percentage}%)`
        );
        d3.select("#results-box").html(
          `<h1>${provinceName}</h1>` + "<br/>" + parties.join("<br/>")
        );
      })
      .on("mouseout", function(data) {
        d3.select("#results-box").html("");
      });
  }
})();

```