ACP does not support NQF measure #0027: “Medical Assistance with Smoking and Tobacco Cessation.” This measure represents an important clinical concept and it is appropriately specified to assess performance at the health-plan-level of analysis; however, the numerator specifications are outdated and should include electronic cigarettes in the tobacco use definition. Furthermore, while this measure is appropriately specified to assess performance at the health-plan level of analysis, it is not appropriately specified to assess performance of individual clinicians. Smoking rates vary by state and the denominator population may be too low in some individual/group practices to produce a stable performance estimate.