

TRAC

Tobacco Reduction, Assessment and Care System
Kaiser Permanente Northwest

Demands on Clinician Time

Presumed Conditions	Number of Patients
Daily appointments per provider FTE	30
90% show rate	27
90% of patients screened for tobacco use	24
25% of patients use tobacco	6
80% given 30 second advice by provider	5
50% are “thinking of quitting”	2
80% see nursing for 5 minute intervention	2

Time Demand

Provider FTE (30 second advice)	2.4	minutes per day
Provider FTE (30 second documentation)	2.4	minutes per day
Total provider time demand	4.9	minutes per day
Nursing (5 minute intervention)	9.7	minutes per day
Nursing (2 minute documentation)	3.8	minutes per day
Total nursing time demand	13.6	minutes per day

Estimated Number of Quits per Provider

Current System		TRAC System	
Patients per provider FTE/Year	7200	80% receive advice to quit	1440
25% use tobacco	1800	64% receive 5 minute intervention	1152
25% advised to quit (current)	450	15% quit with provider advice alone	43
15% quit with provider advice	68	25% quit with multiple interventions	288
		Total quits	331

Projected increase in quit rates: 391%

