



Value Based Reimbursement Toolkit

Smoking Data Dictionary



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Smoking Data Dictionary

Variables and Definitions

Definitions

Event: hospitalization, procedure, visit, or diagnosis resulting in connection to CQI initiative; for procedures or surgeries this includes the pre-operative visit and window

Healthcare worker: physicians, nurse practitioners, nurses, physician assistants, medical assistants, or other individual trained to support healthcare and health behaviors within a medical practice

Smoking and Cigarettes: both terms refer to tobacco

Baseline Population Assessment

Smok_30prior

Intent of variable: To capture smoking status of patients in the 30 days prior to their **event** to allow for baseline understanding of smoking status among the patient population

Definition: Cigarette use within 30 days prior to **event**

Response options:

- o **Yes:** patient has smoked cigarettes in the 30 days prior
- o **No:** patient has not smoked cigarettes in the 30 days prior
 - Includes patients who did not smoke cigarettes, but did smoke electronic cigarettes, marijuana, cigars, hookah, chew, or vape
 - Includes patients identified as former smokers; see **SmokFormer_30prior**

SmokFormer_30prior

Intent of variable: To capture smoking history of patients who are not currently smokers but may have previously smoked to allow for baseline understanding of smoking status among the patient population

Definition: Cigarette use at a timepoint greater than 30 days prior to **event**

Response options:

- o **Yes:** patient is a former smoker but has not smoked cigarettes in the 30 days prior to their **event**
- o **No:** patient has never been a cigarette smoker
 - Includes patients who did not smoke cigarettes, but did smoke electronic cigarettes, marijuana, cigars, hookah, chew, or vape

QuitDate_30prior

Intent of variable: To capture smoking history of patients who are not currently smokers but previously smoked

Definition: Quit date for cigarette use if no use in 30 days prior to the *event*

Response options: Date value (approximate month and year if needed) indicating smoking quit date prior to *event*

CigDay_30prior

Intent of variable: To capture average cigarette use for patients who are either former smokers or current smokers based on assessment at 30 days prior to *event*

Definition: Average number of cigarettes smoked per day (at 30 days prior for current smokers; overall for former smokers)

Response options: Numerical value indicating number of cigarettes or packs of cigarettes

CigYear_30prior

Intent of variable: To capture years of cigarette use for patients who are either former smokers or current smokers based on assessment at 30 days prior to *event*

Definition: Number of years of cigarettes smoked prior to *event*

Response options: Numerical value indicating years of cigarette smoking

Intervention Assessment

Only applies to patients who were current smokers at the time of their event

Counsel

Intent of variable: To capture the occurrence of ANY smoking cessation counseling occurring during the *event* including simple discussion of cessation with the provider

Definition: Healthcare worker provision of smoking cessation counseling during *event*

Response options:

- o **Yes:** patient received counseling during *event*
- o **No:** patient did not receive counseling during *event*

Counsel_offer

Intent of variable: To capture the occurrence of provision or offering of specific services like medications or referrals to support smoking cessation in addition to any general discussion or counseling occurring as documented in Counsel

Definition: Healthcare worker offer or provision of a prescription or referral for smoking cessation services during *event*

Response options:

- o **Yes:** patient was offered or received nicotine replacement therapy, medication to help reduce cravings or referral to smoking cessation programs
- o **No:** patient was not offered or did not receive any medications or referral to smoking cessation support

Counsel_type

Intent of variable: To capture the provision or offering of different types of smoking cessation support; nicotine replacement therapy vs. medications to reduce cravings vs. referral to smoking cessation programs

Definition: Healthcare worker offer or provision of smoking cessation support during event with specified type of support documented

Response options (select all that apply):

- o **Nicotine replacement therapy:** patient was offered or received nicotine replacement therapy during *event*
- o **Medications to reduce cravings:** patient was offered or received medications

to reduce cravings during **event**

o **Referral to smoking cessation program**: patient was offered or received a referral to a smoking cessation program during **event**

Outcome Assessment

Only applies to patients who smoked before their event (either former or current at time of event)

Outcomes at 30 days

Smok_30post

Intent of variable: To capture smoking status of patients at 30 days after their **event** to assess short term outcomes

Definition: Cigarette use at 30 days post **event**

Response options:

- o **Yes**: patient is still smoking cigarettes at 30 days after their **event**
- o **No**: patient is not smoking cigarettes at 30 days after their **event**
 - Includes patients who did not smoke cigarettes, but did smoke electronic cigarettes, marijuana, cigars, hookah, chew, or vape
 - Includes patients identified as former smokers; see **QuitDate_30post** and **QuitHelp_30post**

CigDay_30post

Intent of variable: To capture average cigarette use for patients who are current smokers based on assessment at 30 days after **event**

Definition: Average number of cigarettes smoked per day at 30 days after **event**

Response options: Numerical value indicating number of cigarettes or packs of cigarettes

CigYear_30post

Intent of variable: To capture years of cigarette use for patients who are current smokers based on assessment at 30 days after **event**

Definition: Number of years of cigarettes smoked at 30 days after **event**

Response options: Numerical value indicating years of cigarette smoking. Value can be calculated from previous timepoint data as available

QuitDate_30post

Intent of variable: To capture smoking history of patients who are not currently smokers but previously smoked to evaluate for potential intervention impact through quit date assessment

Definition: Quit date for cigarette use if no use at 30 days after *event*

Response options: Date value (approximate month and year if needed) indicating smoking quit date either within the 30 days prior to *event* (if not previously documented) or within the first 30 days after *event*

QuitHelp_30post

Intent of variable: To capture patient perceived impact of smoking cessation support received during *event* on quit status

Definition: Impact of healthcare worker support on smoking cessation

Response options:

- o **Yes:** Patient reports smoking cessation counseling or support received from healthcare worker helped them to quit smoking
- o **No:** Patient reports smoking cessation counseling or support received from healthcare worker did not help them to quit smoking
- o **NA:** Patient reports no smoking cessation counseling or support received
 - Includes patients who quit prior to visits related to *event* (must already be a former smoker at baseline assessment)

Outcomes at 90 days

Smok_90post

Intent of variable: To capture smoking status of patients at 90 days after their *event* to assess intermediate length outcomes

Definition: Cigarette use at 90 days post *event*

Response options:

- o **Yes:** patient is still smoking cigarettes at 90 days after their *event*
- o **No:** patient is not smoking cigarettes at 90 days after their *event*
 - Includes patients who did not smoke cigarettes, but did smoke electronic cigarettes, marijuana, cigars, hookah, chew, or vape
 - Includes patients identified as former smokers; see *QuitDate_90post* and *QuitHelp_90post*

- Skip all remaining questions for 90 days assessment if they reported quitting at the 30-day timepoint and are still not smoking at 90 days

CigDay_90post

Intent of variable: To capture average cigarette use for patients who are current smokers based on assessment at 90 days after **event**

Definition: Average number of cigarettes smoked per day at 90 days after **event**

Response options: Numerical value indicating number of cigarettes or packs of cigarettes

CigYear_90post

Intent of variable: To capture years of cigarette use for patients who are current smokers based on assessment at 90 days after **event**

Definition: Number of years of cigarettes smoked at 90 days after **event**

Response options: Numerical value indicating years of cigarette smoking. Value can be calculated from previous timepoint data as available

QuitDate_90post

Intent of variable: To capture smoking history of patients who are not currently smokers but previously smoked to evaluate for potential intervention impact through quit date assessment

Definition: Quit date for cigarette use if no use at 90 days after **event**

Response options: Date value (approximate month and year if needed) indicating smoking quit date within the first 90 days after **event**

QuitHelp_90post

Intent of variable: To capture patient perceived impact of smoking cessation support received during event on quit status

Definition: Impact of healthcare worker support on smoking cessation

Response options:

- o **Yes:** Patient reports smoking cessation counseling or support received from healthcare worker helped them to quit smoking

- o **No:** Patient reports smoking cessation counseling or support received from healthcare worker did not help them to quit smoking
- o **NA:** Patient reports no smoking cessation counseling or support received

Outcomes at 1 year

Smok_YearPost

Intent of variable: To capture smoking status of patients at 1 year after their **event** to assess intermediate length outcomes

Definition: Cigarette use at 1 year post **event**

Response options:

- o **Yes:** patient has smoked cigarettes at 1 year after their **event**
- o **No:** patient has not smoked cigarettes at 1 year after their **event**
 - Includes patients who did not smoke cigarettes, but did smoke electronic cigarettes, marijuana, cigars, hookah, chew, or vape
 - Includes patients identified as former smokers; see **QuitDate_YearPost** and **QuitHelp_YearPost**
 - Skip all remaining questions for 1 year assessment if they reported quitting at earlier timepoint and are still not smoking at 1 year

CigDay_YearPost

Intent of variable: To capture average cigarette use for patients who are current smokers based on assessment at 1 year after **event**

Definition: Average number of cigarettes smoked per day at 1 year after **event**

Response options: Numerical value indicating number of cigarettes or packs of cigarettes

CigYear_YearPost

Intent of variable: To capture years of cigarette use for patients who are current smokers based on assessment at 1 year after **event**

Definition: Number of years of cigarettes smoked at 1 year after **event**

Response options: Numerical value indicating years of cigarette smoking. Value can be calculated from previous timepoint data as available

QuitDate_YearPost

Intent of variable: To capture smoking history of patients who are not currently smokers but previously smoked to evaluate for potential intervention impact through quit date assessment

Definition: Quit date for cigarette use if no use at 1 year after *event*

Response options: Date value (approximate month and year if needed) indicating smoking quit date within the first 1 year after *event*

QuitHelp_YearPost

Intent of variable: To capture patient perceived impact of smoking cessation support received during event on quit status

Definition: Impact of healthcare worker support on smoking cessation

Response options:

- o **Yes:** Patient reports smoking cessation counseling or support received from healthcare worker helped them to quit smoking
- o **No:** Patient reports smoking cessation counseling or support received from healthcare worker did not help them to quit smoking
- o **NA:** Patient reports no smoking cessation counseling or support received