

Direct Practice Expense Values Used To Create Resource-Based Practice Expense Relative Value Units For Calendar Year 2005

Contents:

This file contains resource inputs used in establishing resource-based practice expense values for more than 7,000 physician services. There are 3 different types of practice inputs: clinical staff, medical supplies and medical equipment. The source of the resource inputs are from one of the following: (1) Clinical Practice Expert Panels (CPEPs) convened in 1995 to develop estimates of the different types of resource inputs necessary to perform medical services (2) A crosswalk to a related service developed based upon a clinical opinion by CMS (formerly known as HCFA) (3) the AMA's Relative Value Update Committee (RUC) (4) refinement of the CPEP inputs by the AMA's Practice Expense Advisory Committee (PEAC) (5) CMS 's clinical judgment or (6) A medical specialty society.

File Organization:

The files contain one unique record for each combination of procedure code, CPEP, and resource input type (clinical staff, medical equipment and medical supplies). In addition, there is a summary all of the practice expense inputs information into a measure of costs for clinical staff, medical equipment and medical supplies at the procedure code level.

Data Set Name:

2005 NPRM PRACTICE EXPENSE INPUTS.EXE is a self-extracting compressed file which, when decompressed, will contain two files:

(1) 2005 NPRM PRACTICE EXPENSE INPUTS.DOC (in Word (.doc) format) contains the file record layout and file documentation;

(2) 2005 NPRM PRACTICE EXPENSE INPUTS.MDB is a Microsoft Access database that contains 4 tables. There is one table each with a list of the inputs used for clinical staff, medical supplies and medical equipment. There is fourth table that summarizes the practice expense input information into costs at the procedure code level.

Data Elements:

The clinical staff table contains the following data elements:

HCPCS	Procedure Code.
Source	Identifies the source of the resource inputs: the PEAC, RUC, a clinical judgment by CMS, a crosswalk by CMS or a medical specialty society.
CPEP	Identifies the number of the CPEP that valued the service. If the service has been refined, the source will indicate "PEAC" or "RUC" and the value for CPEP will indicate "RUC."
Staff Type	The code for type of clinical staff.
Rate	Rate per minute for the clinical staff type.
Description	A description of the clinical staff type.
Pre-Time NF	Clinical staff time associated with pre-service period when the service is

	performed in a non-facility setting.
Intra-Time NF	Clinical staff time associated with the intra-service period when the service performed in a non-facility setting.
Post-Time NF	Clinical staff time associated with the post-service period when the service is performed in a non-facility setting.
Pre-Time F	Clinical staff time associated with pre-service period when the service is performed in a facility setting.
Intra-Time F	Clinical staff time associated with the intra-service period when the service performed in a facility setting.
Post-Time F	Clinical staff time associated with the post-service period when the service is performed in a facility setting.
Valued NF	Indicates whether the service was valued in non-facility settings.
Valued F	Indicates whether the service was valued in facility settings.
Source for Xwalk	Identifies a source or reference code that was used to determine the resource inputs for crosswalked codes.
Global Period	The global period associated with the service.

The equipment files contains the following data elements:

HCPCS	Procedure Code.
SOURCE	Identifies the source of the resource inputs: the PEAC, RUC, a clinical judgment by CMS, a crosswalk by CMS or a medical specialty society.
Valued NF	Indicates whether the service was valued in non-facility settings.
Valued F	Indicates whether the service was valued in facility settings.
Time NF	The time associated with use of the equipment in non-facility settings.
Time F	The time associated with use of the equipment in facility settings.
Cost-NF	The product of the time associated with use of the equipment and the cost per minute in non-facility settings.
Cost-F	The product of the time associated with use of the equipment and the cost per minute in facility settings.
EQP_CODE	The equipment code identifying the type of equipment.
Description	Description of the Equipment.
Life	Useful life of the equipment.
PRICE	Purchase price of the equipment.
CPEP	Identifies the number of the CPEP that valued the service. If the service has been refined, the source will indicate "PEAC" or "RUC" and the value for CPEP will indicate "RUC."
Category	Equipment Category
COST_MIN	Cost per minute. Calculated using the following formula: $(1/(\text{mins_yr} * \text{usage})) * \text{price} * ((\text{intrate} / (1 - (1 / ((1 + \text{intrate}) ** \text{life})))) + \text{maint})$ where mins_yr=150,000, usage=0.5, maint=.05 and intrate=0.11.
Source for Xwalk	Identifies a source or reference code that was used to determine the resource inputs for crosswalked codes.
Global Period	The global period associated with the service.

The medical supplies file contains the following data elements:

HCPCS	Procedure Code.
SOURCE	Identifies the source of the resource inputs: the PEAC, RUC, a clinical

	judgment by CMS, a crosswalk by CMS or a medical specialty society.
CPEP	Identifies the number of the CPEP that valued the service. If the service has been refined, the source will indicate "PEAC" or "RUC" and the value for CPEP will indicate "RUC."
Sup_Code	The supply code identifying the type of supply.
Description	Description of the supply.
Unit	Unit measure.
Quantity	Invoice quantity.
PRICE	Invoice price.
Quantity-NF	Quantity used for the procedure in the non-facility setting.
Quantity-F	Quantity used for the procedure in the facility setting.
Cost-NF	Cost of the item associated with the procedure in the nonfacility setting. This equals Invoice Quantity * Invoice Price / Invoice Quantity * Quantity-In.
Cost-F	Cost of the item associated with the procedure in the facility setting. This equals Invoice Quantity * Invoice Price / Invoice Quantity * Quantity-Out.
Source for Xwalk	Identifies a source or reference code that was used to determine the resource inputs for crosswalked codes.
Global period	The global period associated with the service.
Category	Supply Category
Post-Op Visits	Post-Operative Visits. Used to determine the number of supply cost packages for each code. In the facility setting, the number of packages equals the number of post-op visits. In the non-facility setting, the number of packages equals the number of post-op visits plus 1.

The summary table contains the following data elements:

HCPCS	Procedure Code
Pre-Time NF	Estimated clinical staff costs to the physician associated with pre-service period when the service is performed in a non-facility setting.
Intra-Time NF	Estimated clinical staff costs to the physician associated with the intra-service period when the service is performed in a non-facility setting.
Post-Time NF	Estimated clinical staff costs to the physician associated with the post-service period when the service is performed in a non-facility setting.
Pre-Time F	Estimated clinical staff costs to the physician associated with pre-service period when the service is performed in a facility setting.
Intra-Time F	Estimated clinical staff costs to the physician associated with the intra-service period when the service performed in a facility setting.
Post-Time F	Estimated clinical staff costs to the physician associated with the post-service period when the service performed in a facility setting.
Supply Cost NF	Estimated medical supply costs to the physician for the procedure in the non-facility setting.
Supply Cost F	Estimated medical supply costs to the physician for the procedure in the facility setting.
Equip Cost NF	Estimated equipment costs to the physician associated with the procedure in the non-facility setting.
Equip Cost F	Estimated equipment costs to the physician associated with the procedure in the facility setting.

NOTE:

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