

# Cancer

## PROGRAMS

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AMERICAN COLLEGE OF SURGEONS

● ● ● NATIONAL  
● ● ● CANCER  
● ● ● DATABASE

## Summary of 2017 PUF User File Changes as of April 1, 2020

The following changes have been made to the 2017 PUF.

### Diagnosis Years

An additional diagnosis year of data was added and follow-up was updated. PUF data files now include patients diagnosed between 2004 and 2017.

### New Radiation Variables in 2017 PUF

Most radiation treatment variables in the prior PUF data have been replaced by new radiation variables. The radiation treatment variables can now include up to three phases of radiation. The new radiation variables were optional in 2017 but are required for 2018. Radiation data from prior diagnosis years have been converted to the new radiation variables where possible. See the **2017 PUF Data Dictionary** for a description of these variables.

#### New radiation variables

**Phase I Radiation Primary Treatment Volume** (Phase\_I\_RT\_VOL): This item, in conjunction with *Phase I Radiation to Draining Lymph Nodes* (NAACCR Item #1505) replaces *Radiation Treatment Volume* (NAACCR Item #1540) and includes converted historical values.

**Phase II Radiation Primary Treatment Volume** (Phase\_II\_RT\_VOL): This data item may include converted historical values. It was converted from *Radiation Treatment Volume* (NAACCR Item #1540) when *Boost Treatment Modality* (NAACCR Item #3200) was administered.

**Phase III Radiation Primary Treatment Volume** (Phase\_III\_RT\_VOL): This is a new data item. It was required in 2018, and optional in 2017.

**Phase I Radiation to Draining Lymph Nodes:** (Phase\_I\_RT\_To\_LN): This data item, in conjunction with Phase I Radiation Primary Treatment Volume [1504], replaces the Radiation Treatment Volume [1540] and includes converted historical values.

**Phase II Radiation to Draining Lymph Nodes:** (Phase\_II\_RT\_To\_LN): This item may include historical converted historical values. For conversion of historical values this data item includes a mapped value of 99 when *Boost Treatment Modality* (NAACCR Item #3200) was administered.

**Phase III Radiation to Draining Lymph Nodes:** (Phase\_III\_RT\_To\_LN): This is a new data item. It was required in 2018, and optional in 2017.

**Phase I Radiation Treatment Modality** (Phase\_I\_RT\_Modality): This data item, in conjunction with Phase I Radiation External Beam Planning Technique [1502], replaces the Rad--Regional RX Modality [1570] and includes converted historical values.

**Phase II Radiation Treatment Modality** (Phase\_II\_RT\_Modality): This data item, in conjunction with *Phase II Radiation External Beam Planning Technique* (NAACCR Item # 1512), replaces the *Boost Treatment Modality* (NAACCR Item #3200) and may include converted historical values.

**Phase III Radiation Treatment Modality** (Phase\_III\_RT\_Modality): This is new data item. It was required in 2018 and optional in 2017.

**Phase I External Beam Radiation Planning Technique** (Phase\_I\_Beam\_Tech): This is a new item for 2018. It was required in 2018 and optional in 2017. This data item, in conjunction with Phase I Radiation Treatment Modality [1506], replaces the Rad--Regional RX Modality [1570] and includes converted historical values.

**Phase II External Beam Radiation Planning Technique** (Phase\_II\_Beam\_Tech): This is a new item for 2018. It was required in 2018 and optional in 2017. This item, in conjunction with *Phase II Radiation Treatment Modality* (NAACCR Item #1516), replaces the *Boost Treatment Modality* (NAACCR Item #3200) and may include converted historical values.

**Phase III External Beam Radiation Planning Technique** (Phase\_III\_Beam\_Tech): This is a new item for 2018. It was required in 2018 and optional in 2017.

**Phase I Dose Per Fraction** (Phase\_I\_Dose\_Fract): This is a new item for 2018. It was required in 2018 and optional in 2017. This data item replaces the Rad--Regional Dose: cGy [NAACCR Item 1510] and includes mapped historical values.

**Phase II Dose Per Fraction** (Phase\_II\_Dose\_Fract): This is a new item for 2018. It was required in 2018 and optional in 2017. This data item replaces the Rad--Boost Dose cGy [3210] and may include mapped values for historical cases.

**Phase III Dose Per Fraction** (Phase\_III\_Dose\_Fract): This is a new item for 2018. It was required in 2018 and optional in 2017.

**Phase I Number of Fractions** (Phase\_I\_Num\_Fract): It replaces *Number of Treatments to this Volume* (NAACCR Item #1520) and includes mapped historical values.

**Phase II Number of Fractions** (Phase\_II\_Num\_Fract): This is a new item for 2018. It was required in 2018 and optional in 2017. This data item may include mapped values for historical cases. This data item includes a mapped value of 999 when Rad--Boost RX Modality [3200] was administered.

**Phase III Number of Fractions** (Phase\_III\_Num\_Fract): This is a new item for 2018. It was required in 2018 and optional in 2017.

**Phase I Total Dose** (Phase\_I\_Total\_Dose): This data item is an all new data item in 2018 and includes mapped values for historical cases. It was optional in 2017.

**Phase II Total Dose** (Phase\_II\_Total\_Dose): This data item is an all new data item in 2018 and includes mapped values for historical cases. It was optional in 2017. This data item may include mapped values for historical cases. This data item includes a mapped value of 999999 when Rad--Boost RX Modality [3200] was administered

**Phase III Total Dose** (Phase\_III\_Total\_Dose): This data item is an all new data item in 2018. It was optional in 2017.

**Number of Phases of Radiation Treatment to this Volume** (Number\_Phases\_Rad\_Rx): This is a new item in 2018. It was optional in 2017.

**Radiation Treatment Discontinued Early** (Rad\_Rx\_Disc\_Early): This is a new item in 2018. It was optional in 2017.

**Total Dose** (Total\_Dose): This is a new item in 2018. It was optional in 2017.

**Discontinued Radiation Variables:**

*Radiation Treatment Volume* (RAD\_TREAT\_VOL)

*Regional Treatment Modality* (RAD\_REGIONAL\_RX\_MODALITY)

*Regional Dose: cGy* (RAD\_REGIONAL\_DOSE\_CGY)

*Boost Treatment Modality* (RAD\_BOOST\_RX\_MODALITY)

*Boost Radiation Dose: cGy* (RAD\_BOOST\_DOSE\_CGY)

*Number of Treatments to this Volume* (RAD\_NUM\_TREAT\_VOL)

*Radiation Treatment* (RX\_SUMM\_RADIATION)

**PUF Variable Updates**

**Variable Name:** PUF Vital Status (PUF\_VITAL\_STATUS)

This item is now available for cases diagnosed through 2016.

**Variable Name:** Last Contact or Death, Months from Dx (DX\_LASTCONTACT\_DEATH\_MONTHS)

This item is now available for cases diagnosed through 2016.

**Variable Name:** Ninety Day Mortality (PUF\_90\_DAY\_MORT\_CD)

This item is now available for cases diagnosed through 2016.

**Variable Name:** Thirty Day Mortality (PUF\_30\_DAY\_MORT\_CD)

This item is now available for cases diagnosed through 2016.

**New Primary Sites Added**

Langerhans cell histiocytosis: This site was added for 2010 and later diagnosis years only, selecting on histology code 9751 and a behavior code of 3 (Invasive).

Post Transplant Lymphoproliferative Disorder (PTLD): This site was added for 2010 and later diagnosis years only, selecting on histology code 9971 and a behavior code of 3 (Invasive).