

Sister Study Vulvar Cancer Outcomes (Any Behavior)¹ and Characteristics: Data Release 11.1²

	N	% of cohort
Total Cases³	64	0.1
Timing, Behavior, and Site	N	% of cases
Baseline	22	34.4
Invasive	18	28.1
Labium majus	2	3.1
Overlapping sites	1	1.6
Unknown ⁴	15	23.4
<i>In situ</i> – Unknown ⁴	4	6.3
Incident	42	65.6
Invasive	26	40.6
Labium majus	1	1.6
Labium minus	1	1.6
Overlapping sites	2	3.1
Unknown ⁴	22	34.4
<i>In situ</i> – Unknown ⁴	16	25.0
Incident	42	
Race/Ethnicity⁵		
Non-Hispanic White	39	92.9
Non-Hispanic Black	1	2.4
Hispanic	0	0.0
Other	2	4.8
Age (in years) at Diagnosis⁶		
Under 50	2	4.8
50-64	20	47.6
65 and older	20	47.6
Diagnosis Confirmation⁷		
Medical	33	78.6
NDI Plus or death certificate only	1	2.4
None	8	19.0
Incident – Medically Confirmed	33	
Stage at Diagnosis⁸		
I	16	88.9
II	0	0.0
III	1	5.6
IV	1	5.6
Missing, cannot stage ⁹	15	

¹ Cancer events are defined by the following ICD10 cancer codes: invasive vulva (C51) and *in situ* vulva (D07.1). Other ICD10 cancer codes that may be used when vulva is indicated as one of the favored primary sites: invasive female genital organ (C57.9), invasive pelvis (C76.3), invasive unspecified site (C80), *in situ* female genital organ (D07.30), uncertain behavior of female genital organ (D39.8, D39.9), unspecified behavior of genitourinary organ (D49.59).

² Data release 11.1 includes outcomes from follow-up phases that closed on or before 9/30/2021, excluding all data from participants who have withdrawn their data from the study [n=5].

- ³ Excludes cancer diagnoses where vulvar site of origin could not be ruled out, but it is not the favored site [n=4].
- ⁴ Unknown site includes vulva - not specified.
- ⁵ Race/ethnicity: precedence given to Hispanic ethnicity first, then Black race, then other race, then White race.
- ⁶ For those missing age at diagnosis [n=1], age was imputed as the midpoint of the range of plausible ages at diagnosis.
- ⁷ Medical confirmation of reported vulvar cancer is generally from pathology report but may include other medical documentation; National Death Index (NDI) Plus or death certificate confirmation is specific to cases that do not have medical confirmation.
- ⁸ TNM stage at diagnosis is only available for cases with medical confirmation and is classified according to the American Joint Committee on Cancer (AJCC) 8th Edition Staging System.
- ⁹ Includes *in situ* vulvar cancer cases that are no longer staged by the International Federation of Gynecology and Obstetrics (FIGO) and the American Joint Committee on Cancer (AJCC) 8th edition staging manual [n=13].