

Supplement Table 1: Summary of ICD-C03 codes used to filter NCDB database into primary sites

Classification Site	ICD-10 Code
Buccal Mucosa/vestibule	C03.0 (Malignant neoplasm of gum) C03.1 (Malignant neoplasm of lower gum) C03.9 (Malignant neoplasm of gum, unspecified) C06.0 (Malignant neoplasm of cheek mucosa) C06.1 (Malignant neoplasm of vestibule of mouth)
Oral Cavity	C02 and all associated sub-codes (other and unspecified parts of tongue) C04 and all associated sub-codes (floor of mouth) C05.0 (hard palate)
Oropharynx	C01.9 (Malignant neoplasm of base of tongue) C09 and all associated sub-codes (Malignant neoplasm of tonsil) C05.1 (Malignant neoplasm of soft palate) C05.2 (Malignant neoplasm of uvula) C10 and all associated sub-codes (Malignant neoplasm of oropharynx)
Larynx	C32 and all associated sub-codes (Malignant neoplasm of larynx)

**Supplement Table 2:
Cases Diagnosed per Year, Sorted by Race**

Year of Diagnosis	White	Black	South Asian (Asian Indian, Pakistani, AI/P NOS)
<u>Buccal Mucosa/Vestibule</u>			
2010	1467	113	29
2011	1661	113	41
2012	1675	123	38
2013	1780	116	49
2014	1922	121	45
2015	1995	149	55
2016	1994	148	59
Total	12494	883	316
<u>Oral Cavity, Excluding Buccal Mucosa/Vestibule</u>			
2010	5251	440	49
2011	5496	435	54
2012	5828	483	53
2013	6073	508	71
2014	6213	472	58
2015	6415	457	67
2016	6661	468	90
Total	41,937	3263	442
<u>Oropharynx</u>			
2010	10184	1094	22
2011	10993	1133	25
2012	11534	1144	23
2013	12195	1159	32
2014	12798	1257	36
2015	13432	1181	26
2016	13518	1200	31
Total	84654	8168	195
<u>Larynx</u>			
2010	8106	1394	18
2011	8003	1387	23
2012	8116	1363	20
2013	8266	1348	28
2014	8168	1438	28
2015	8221	1446	31
2016	8005	1330	35
Total	56,885	9706	183