

Primary tumor site	Number of patients	%
1) Oral cavity	2939	26.0
2) Nasal cavity, etc.	633	5.6
3) Nasopharynx	284	2.5
4) Oropharynx	2008	17.7
5) Hypopharynx	2563	22.6
6) Larynx	2186	19.3
7) Major salivary glands	710	6.3
Total	11323	100

Nasal cavity, etc.: nasal cavity and paranasal sinuses

	<b>MFT to relapse (month; range)</b>	<b>MFT to death or last follow-up (month)</b>	<b>Death or last follow-up</b>	<b>in 2017</b>	<b>in 2018</b>	<b>in 2019</b>	<b>in 2020</b>	<b>in 2021</b>	<b>after 2022</b>
1) Oral cavity	24.57 (0.03-92.44)	52.0		176(20.5%)	284(33.1%)	154(18.0%)	77(9.0%)	65(7.6%)	101(11.8%)
2) Nasal cavity, etc.	15.01 (0.03-94.74)	34.6		55(22.8%)	88(36.5%)	34(14.1%)	25(10.0%)	11(4.6%)	30(12.0%)
3) Nasopharynx	40.8 (0.03-93.0)	61.8		10(13.2%)	25(32.9%)	15(19.7%)	10(13.1%)	4(5.3%)	12(15.8%)
4) Oropharynx	26.2 (0.03-91.52)	49.2		123(19.5%)	161(25.6%)	103(16.3%)	85(13.5)	51(8.1%)	107(17.0%)
5) Hypopharynx	17.15 (0.03-90.18)	37.5		176(17.9%)	297(30.2%)	170(17.3%)	105(10.7%)	76(7.7%)	159(16.2%)
6) Larynx	39.72 (0.03-91.39)	57.1		70(13.4%)	125(24.2%)	74(14.2%)	65(12.5%)	64(12.3%)	122(23.4%)
7) Major salivary glands	24.52 (0.03-89.68)	55.1		30(15.5%)	49(25.4%)	42(21.8%)	15(7.8%)	14(7.2%)	43(22.3%)

Nasal cavity, etc.: nasal cavity and paranasal sinuses

\*Abbreviation: MFT; Median follow-up time.

Relapse lesion	Number of Patients (Number of DOD)													
	1) Oral cavity		2) Nasal cavity, etc		3) Nasopharynx		4) Oropharynx		5) Hypopharynx		6) Larynx		7) Major salivary glands	
No	1883	( 32 )	328	( 14 )	190	( 1 )	1341	( 35 )	1538	( 54 )	1711	( 13 )	419	( 12 )
Local	263	( 105 )	110	( 41 )	15	( 9 )	149	( 57 )	242	( 87 )	157	( 34 )	47	( 12 )
Regional	366	( 127 )	26	( 11 )	11	( 3 )	139	( 47 )	186	( 80 )	86	( 32 )	29	( 9 )
Distant	134	( 80 )	59	( 41 )	32	( 15 )	149	( 91 )	238	( 140 )	98	( 55 )	120	( 55 )
Local+Regional	53	( 30 )	9	( 5 )	2	( 1 )	27	( 12 )	33	( 20 )	11	( 7 )	5	( 2 )
Local+Distant	17	( 15 )	11	( 8 )	3	( 2 )	8	( 5 )	19	( 12 )	5	( 3 )	10	( 3 )
Regional+Distant	36	( 27 )	6	( 3 )	1	( 0 )	23	( 11 )	32	( 18 )	15	( 10 )	16	( 8 )
Local+Regional+Distant	11	( 8 )	3	( 2 )	1	( 1 )	4	( 4 )	15	( 11 )	2	( 1 )	4	( 2 )
Undecidable	150	( 90 )	73	( 51 )	24	( 18 )	140	( 88 )	230	( 144 )	70	( 37 )	51	( 24 )
Unknown	26	( 1 )	8	( 0 )	5	( 0 )	28	( 3 )	30	( 3 )	31	( 1 )	9	( 2 )
<b>Total</b>	<b>2939</b>	<b>( 515 )</b>	<b>633</b>	<b>( 176 )</b>	<b>284</b>	<b>( 50 )</b>	<b>2008</b>	<b>( 353 )</b>	<b>2563</b>	<b>( 569 )</b>	<b>2186</b>	<b>( 193 )</b>	<b>710</b>	<b>( 129 )</b>

Nasal cavity, etc.: nasal cavity and paranasal sinuses

\*Abbreviation: DOD; Death of Disease.

Disease stage	1) Oral cavity	2) Nasal cavity, etc.	3) Nasopharynx	4) Oropharynx	5) Hypopharynx	6) Larynx	7) Major salivary glands
	Median follow-up time to death or last follow-up (month)						
0	67.4	1.3	-	61.8	64.0	62.3	-
1	62.3	64.0	60.6	60.6	60.8	60.5	70.8
2	59.9	66.7	66.5	58.5	46.9	60.6	65.8
3	53.6	45.1	64.1	60.0	51.3	50.4	58.8
4a	27.3	25.3	42.2	44.2	28.9	32.5	39.1
4b	14.8	25.1	51.6	20.5	13.7	49.4	27.1
4c	5.9	10.1	10.9	6.3	10.7	8.4	14.3
Unknown	23.1	34.6	63.6	56.7	36.5	62.4	59.9

Nasal cavity, etc.: nasal cavity and paranasal sinuses

**Number of metachronous multiple cancer by primary tumor site (pre- / post-primary cancer)**

	<u>No</u>	<u>Head and Neck</u>	<u>Esophagus</u>	<u>Lung</u>	<u>Stomach</u>	<u>Liver</u>	<u>Colon</u>	<u>Others</u>	<u>Unknown</u>	<u>No reported</u>
1) Oral cavity	1429/1488	156/115	69/47	17/42	42/19	11/9	32/15	80/54	9/20	1158/1168
2) Nasal cavity, etc.	354/352	9/3	4/2	3/12	4/4	2/4	6/1	7/15	1/1	245/244
3) Nasopharynx	173/171	1/2	2/0	0/1	1/2	1/3	4/0	5/10	3/1	94/95
4) Oropharynx	983/1038	109/73	89/61	18/32	32/15	10/14	21/23	56/36	3/6	751/734
5) Hypopharynx	1087/1200	113/116	281/134	25/61	103/27	16/16	44/23	57/71	6/11	948/951
6) Larynx	1159/1151	43/30	58/53	29/67	50/26	9/10	23/23	59/56	9/19	787/771
7) Major salivary glands	393/404	9/4	1/0	6/12	6/1	4/4	8/4	13/18	0/2	276/266

Nasal cavity, etc.: nasal cavity and paranasal sinuses

**Number of clinical outcome by primary tumor site**

	Survival (%)	Death of primary cancer (%)	Death of other cancer (%)	Death of other disease (%)	Death of unknown cause (%)	Unknown (%)	total (%)
1) Oral cavity	2082 ( 70.8 )	515 ( 17.5 )	59 ( 2.0 )	104 ( 3.5 )	40 ( 1.4 )	139 ( 4.7 )	2939 ( 100 )
2) Nasal cavity, etc.	390 ( 61.6 )	176 ( 27.8 )	7 ( 1.1 )	20 ( 3.2 )	8 ( 1.3 )	32 ( 5.1 )	633 ( 100 )
3) Nasopharynx	208 ( 73.2 )	50 ( 17.6 )	7 ( 2.5 )	2 ( 0.7 )	4 ( 1.4 )	13 ( 4.6 )	284 ( 100 )
4) Oropharynx	1378 ( 68.6 )	353 ( 17.6 )	57 ( 2.8 )	78 ( 3.9 )	32 ( 1.6 )	110 ( 5.5 )	2008 ( 100 )
5) Hypopharynx	1580 ( 61.6 )	571 ( 22.3 )	122 ( 4.8 )	111 ( 4.3 )	41 ( 1.6 )	138 ( 5.4 )	2563 ( 100 )
6) Larynx	1665 ( 76.2 )	193 ( 8.8 )	81 ( 3.7 )	86 ( 3.9 )	32 ( 1.5 )	129 ( 5.9 )	2186 ( 100 )
7) Major salivary glands	517 ( 72.8 )	129 ( 18.2 )	11 ( 1.5 )	20 ( 2.8 )	6 ( 0.8 )	27 ( 3.8 )	710 ( 100 )

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