

## Appendix: Statistics

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**Brain\***

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<b>Brain</b>						
Numbers of rats examined	3696					
Granular cell tumor	57	1.54	1.59	1.98	0.00	7.14
Meningioma	2	0.05	0.06	0.32	0.00	2.04
Meningioid sarcoma	1	0.03	0.03	0.20	0.00	1.43
Choroid plexus carcinoma	1	0.03	0.03	0.20	0.00	1.43
Astrocytoma	13	0.35	0.35	0.72	0.00	2.86
Oligodendroglioma	3	0.08	0.08	0.31	0.00	1.43
Mixed glioma	3	0.08	0.10	0.51	0.00	3.33
Ependymoma	2	0.05	0.07	0.37	0.00	2.04
Glioblastoma	3	0.08	0.09	0.36	0.00	1.92
Schwannoma	2	0.05	0.07	0.33	0.00	1.67
Malignant reticulosis	3	0.08	0.09	0.36	0.00	1.67
Medulloblastoma	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	2	0.05	0.06	0.28	0.00	1.43

\* including all the findings in the Cerebrum, Cerebellum, Brain Stem, Medulla Oblongata

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<b>Brain</b>						
Numbers of rats examined	3669					
Granular cell tumor	31	0.84	0.90	1.38	0.00	4.35
Meningioma	1	0.03	0.04	0.28	0.00	2.00
Meningioid sarcoma	0	0.00	0.00	0.00	0.00	0.00
Choroid plexus carcinoma	0	0.00	0.00	0.00	0.00	0.00
Astrocytoma	7	0.19	0.22	0.56	0.00	2.00
Oligodendroglioma	4	0.11	0.11	0.38	0.00	2.00
Mixed glioma	4	0.11	0.11	0.49	0.00	2.86
Ependymoma	0	0.00	0.00	0.00	0.00	0.00
Glioblastoma	2	0.05	0.05	0.24	0.00	1.41
Schwannoma	0	0.00	0.00	0.00	0.00	0.00
Malignant reticulosis	0	0.00	0.00	0.00	0.00	0.00
Medulloblastoma	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00

\* including all the findings in the Cerebrum, Cerebellum, Brain Stem, Medulla Oblongata

### Cerebellum

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<b>Cerebellum</b>						
Numbers of rats examined	1558					
Granular cell tumor	4	0.26	0.27	0.58	0.00	2.00
Mixed glioma	0	0.00	0.00	0.00	0.00	0.00
Astrocytoma	1	0.06	0.05	0.22	0.00	1.00
Medulloblastoma	1	0.06	0.07	0.31	0.00	1.39

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<b>Cerebellum</b>						
Numbers of rats examined	1553					
Granular cell tumor	4	0.26	0.19	0.69	0.00	3.00
Mixed glioma	1	0.06	0.05	0.22	0.00	1.00
Astrocytoma	0	0.00	0.00	0.00	0.00	0.00
Medulloblastoma	0	0.00	0.00	0.00	0.00	0.00

### Cerebrum

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<b>Cerebrum</b>						
Numbers of rats examined	1339					
Granular cell tumor	11	0.82	0.69	1.29	0.00	4.00
Astrocytoma	5	0.37	0.37	0.81	0.00	2.78
Oligodendroglioma	3	0.22	0.16	0.51	0.00	2.00
Malignant reticulosis	1	0.07	0.06	0.24	0.00	1.00
Meningeal sarcoma	1	0.07	0.06	0.24	0.00	1.00
Metastatic medulloblastoma	1	0.07	0.08	0.33	0.00	1.39
Ependymoma	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<b>Cerebrum</b>						
Numbers of rats examined	1333					
Granular cell tumor	5	0.38	0.16	0.51	0.00	2.00
Astrocytoma	1	0.08	0.11	0.47	0.00	2.00
Oligodendroglioma	2	0.15	0.11	0.31	0.00	1.00
Malignant reticulosis	0	0.00	0.00	0.00	0.00	0.00
Meningeal sarcoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic medulloblastoma	0	0.00	0.00	0.00	0.00	0.00
Ependymoma	1	0.08	0.06	0.24	0.00	1.01

### Brain Stem

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<u>Brain Stem</u>						
Numbers of rats examined	669					
Astrocytoma	1	0.15	0.10	0.29	0.00	0.83
Metastatic medulloblastoma	1	0.15	0.17	0.49	0.00	1.39

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<u>Brain Stem</u>						
Numbers of rats examined	662					
Astrocytoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic medulloblastoma	0	0.00	0.00	0.00	0.00	0.00

### Pons

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<u>Pons</u>						
Numbers of rats examined	835					

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<u>Pons</u>						
Numbers of rats examined	837					

### Medulla Oblongata

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<u>Medulla Oblongata</u>						
Numbers of rats examined	1338					

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<u>Medulla Oblongata</u>						
Numbers of rats examined	1331					

### Spinal Cord, Peripheral Nerves, Optic and Trigeminal Nerves

<b>Males</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<u>Spinal Cord</u>						
Numbers of rats examined	3561					
Astrocytoma	1	0.03	0.02	0.16	0.00	1.09
Malignant schwannoma	2	0.06	0.08	0.40	0.00	2.00
Tumor (NOS)	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	1	0.03	0.02	0.14	0.00	1.00
<u>Peripheral Nerves</u>						
Numbers of rats examined	749					
<u>Optic Nerves</u>						
Numbers of rats examined	2727					
Neurinoma (m)	0	0.00	0.00	0.00	0.00	0.00
<u>Trigeminal Nerve</u>						
Numbers of rats examined	1					

<b>Females</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<u>Spinal Cord</u>						
Numbers of rats examined	3566					
Astrocytoma	0	0.00	0.00	0.00	0.00	0.00
Malignant schwannoma	0	0.00	0.00	0.00	0.00	0.00
Tumor (NOS)	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
<u>Peripheral Nerves</u>						
Numbers of rats examined	743					
<u>Optic Nerves</u>						
Numbers of rats examined	2797					
Neurinoma (m)	1	0.04	0.03	0.17	0.00	1.04
<u>Trigeminal Nerve</u>						
Numbers of rats examined	0					

**Sciatic Nerve**

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<u>Sciatic nerve</u>						
Numbers of rats examined	2430					
Lymphoma infiltrate	1	0.04	0.03	0.18	0.00	1.01

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<u>Sciatic nerve</u>						
Numbers of rats examined	2427					
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00

**Eyes, Harderian Glands, Extraorbital Lacrimal Glands**

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<u>Eyes</u>						
Numbers of rats examined	3548					
Schwannoma	1	0.03	0.03	0.21	0.00	1.47
Amelanotic melanoma	3	0.08	0.10	0.42	0.00	2.04
Metastatic sarcoma	2	0.06	0.04	0.29	0.00	2.02
<u>Harderian Glands</u>						
Numbers of rats examined	3241					
Adenoma	2	0.06	0.06	0.42	0.00	2.86
Squamous cell carcinoma	3	0.09	0.09	0.35	0.00	1.47
Malignant schwannoma	1	0.03	0.02	0.15	0.00	1.01
<u>Exorbital Lacrimal Glands</u>						
Numbers of rats examined	1870					
Metastatic carcinoma	1	0.05	0.04	0.22	0.00	1.15

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<u>Eyes</u>						
Numbers of rats examined	3590					
Schwannoma	3	0.08	0.08	0.34	0.00	1.67
Amelanotic melanoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic sarcoma	0	0.00	0.00	0.00	0.00	0.00
<u>Harderian Glands</u>						
Numbers of rats examined	3175					
Adenoma	1	0.03	0.04	0.25	0.00	1.67
Squamous cell carcinoma	0	0.00	0.00	0.00	0.00	0.00
Malignant schwannoma	0	0.00	0.00	0.00	0.00	0.00
<u>Exorbital Lacrimal Glands</u>						
Numbers of rats examined	1498					
Metastatic carcinoma	0	0.00	0.00	0.00	0.00	0.00

### Ears and Zymbal Glands

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<u>Ears*</u>						
Numbers of rats examined	3					
Sebacaceous papilloma	0	0.00	0.00	0.00	0.00	0.00
Sebacaceous carcinoma	1	33.33	50.00	70.71	0.00	100.00
Amelanotic Melanoma	0	0.00	0.00	0.00	0.00	0.00
<u>Zymbal Glands</u>						
Numbers of rats examined	400					
Zymbal gland adenoma	0	0.00	0.00	0.00	0.00	0.00
Zymbal gland carcinoma	2	0.50	0.43	0.68	0.00	1.47
Squamous cell carcinoma	1	0.25	0.19	0.46	0.00	1.12

\*gross lesions examined only

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<u>Ears*</u>						
Numbers of rats examined	18					
Sebacaceous papilloma	1	5.56	4.17	8.33	0.00	16.67
Sebacaceous carcinoma	5	27.78	20.83	41.67	0.00	83.33
Amelanotic Melanoma	2	11.11	20.83	25.00	0.00	50.00
<u>Zymbal Glands</u>						
Numbers of rats examined	399					
Zymbal gland adenoma	1	0.25	0.26	0.63	0.00	1.54
Zymbal gland carcinoma	0	0.00	0.00	0.00	0.00	0.00
Squamous cell carcinoma	0	0.00	0.00	0.00	0.00	0.00

\*gross lesions examined only

**Aorta, Other Blood Vessels, Heart, Trachea and Lungs**

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<b>Aorta</b>						
Numbers of rats examined	3303					
Lymphoma infiltrate	1	0.03	0.02	0.15	0.00	1.00
Metastatic of carcinoma	1	0.03	0.02	0.15	0.00	1.01
<b>Other Blood Vessels</b>						
Numbers of rats examined	3					
<b>Heart</b>						
Numbers of rats examined	3458					
Paranglioma	1	0.03	0.03	0.21	0.00	1.43
Endocardial schwannoma	2	0.06	0.06	0.30	0.00	1.47
Hemangiosarcoma	1	0.03	0.03	0.21	0.00	1.43
Metastatic sarcoma	1	0.03	0.02	0.15	0.00	1.01
Lymphoma infiltrate	1	0.03	0.02	0.15	0.00	1.00
Metastatic of carcinoma	1	0.03	0.02	0.15	0.00	1.01
Contact metastasis	1	0.03	0.04	0.29	0.00	2.00
<b>Trachea</b>						
Numbers of rats examined	3379					
Squamous carcinoma	1	0.03	0.04	0.30	0.00	2.00
Metastatic of carcinoma	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	3	0.09	0.08	0.36	0.00	2.00
<b>Lungs</b>						
Numbers of rats examined	3657					
Bronchial polyp	0	0.00	0.00	0.00	0.00	0.00
Adenoma, alv./bron.	0	0.00	0.00	0.00	0.00	0.00
Carcinoma (bronchio-alveogenic)	15	0.41	0.41	0.81	0.00	4.00
Squamous cell carcinoma	6	0.16	0.16	0.45	0.00	2.00
Sarcoma, NOS	1	0.03	0.04	0.28	0.00	2.00
Metastatic carcinoma	2	0.05	0.05	0.23	0.00	1.30
Metastatic sarcoma	18	0.49	0.51	1.25	0.00	8.00
Tumor metastasis	17	0.46	0.50	1.02	0.00	6.00
Lymphoma infiltrate	4	0.11	0.10	0.39	0.00	2.00



**Aorta, Other Blood Vessels, Heart, Trachea and Lungs**

<b>Females</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<b>Aorta</b>						
Numbers of rats examined	3308					
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
Metastatic of carcinoma	0	0.00	0.00	0.00	0.00	0.00
<b>Other Blood Vessels</b>						
Numbers of rats examined	0					
<b>Heart</b>						
Numbers of rats examined	3416					
Paraganglioma	0	0.00	0.00	0.00	0.00	0.00
Endocardial schwannoma	5	0.15	0.13	0.40	0.00	1.45
Hemangiosarcoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic sarcoma	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
Metastatic of carcinoma	0	0.00	0.00	0.00	0.00	0.00
Contact metastasis	0	0.00	0.00	0.00	0.00	0.00
<b>Trachea</b>						
Numbers of rats examined	3369					
Squamous carcinoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic of carcinoma	1	0.03	0.02	0.15	0.00	1.01
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
<b>Lungs</b>						
Numbers of rats examined	3579					
Bronchial polyp	1	0.03	0.04	0.29	0.00	2.04
Adenoma, alv./bron.	4	0.11	0.11	0.39	0.00	2.00
Carcinoma (bronchio-alveogenic)	3	0.08	0.10	0.40	0.00	2.00
Squamous cell carcinoma	1	0.03	0.04	0.29	0.00	2.04
Sarcoma, NOS	0	0.00	0.00	0.00	0.00	0.00
Metastatic carcinoma	7	0.20	0.22	0.70	0.00	4.00
Metastatic sarcoma	8	0.22	0.23	0.74	0.00	4.35
Tumor metastasis	2	0.06	0.07	0.48	0.00	3.33
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00

**Pituitary Gland, Adrenal Glands, Adrenal Cortex and Adrenal Medulla**

<b>Males</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<b>Pituitary Gland</b>						
Numbers of rats examined	3670					
Adenoma, pars anterior	1357	36.98	37.34	15.73	0.00	71.01
Adenoma, pars intermedia	12	0.33	0.30	0.82	0.00	4.35
Adenoma	92	2.51	2.63	9.09	0.00	40.00
Adenocarcinoma	0	0.00	0.00	0.00	0.00	0.00
Pituicytoma	0	0.00	0.00	0.00	0.00	0.00
Schwannoma (m)	2	0.05	0.06	0.28	0.00	1.43
Metastatic sarcoma	1	0.03	0.02	0.15	0.00	1.03
<b>Adrenals</b>						
Numbers of rats examined	1036					
Cortical adenoma	15	1.45	1.43	1.82	0.00	6.00
Pheochromocytoma (b)	36	3.47	3.36	3.11	0.00	8.57
Ganglioneuroma (b)	2	0.19	0.15	0.42	0.00	1.45
Cortical carcinoma	3	0.29	0.21	0.55	0.00	1.67
Pheochromocytoma (m)	8	0.77	0.78	1.61	0.00	6.12
Ganglioneuroma (m)	1	0.10	0.10	0.37	0.00	1.43
<b>Adrenal Cortex</b>						
Numbers of rats examined	2999					
Adenoma	63	2.10	2.06	2.76	0.00	15.00
Hemangioma	0	0.00	0.00	0.00	0.00	0.00
Carcinoma	4	0.13	0.14	0.49	0.00	2.00
Lymphoma infiltrate	4	0.13	0.14	0.63	0.00	2.86
Metastatic sarcoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic of carcinoma	0	0.00	0.00	0.00	0.00	0.00
<b>Adrenal Medulla</b>						
Numbers of rats examined	2992					
Pheochromocytoma (b)	99	3.31	3.40	1.97	0.00	7.14
Ganglioneuroma	11	0.37	0.38	0.84	0.00	4.08
Pheochromocytoma (m)	33	1.10	1.11	2.07	0.00	8.57
Lymphoma infiltrate	4	0.13	0.14	0.64	0.00	2.94
Metastatic of carcinoma	0	0.00	0.00	0.00	0.00	0.00

**Pituitary Gland, Adrenal Glands, Adrenal Cortex and Adrenal Medulla**

<b>Females</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<b>Pituitary Gland</b>						
Numbers of rats examined	3689					
Adenoma, pars anterior	2180	59.09	58.96	20.58	0.00	83.33
Adenoma, pars intermedia	9	0.24	0.27	0.77	0.00	4.17
Adenoma	168	4.55	4.77	16.52	0.00	68.57
Adenocarcinoma	4	0.11	0.09	0.47	0.00	3.06
Pituitaryoma	3	0.08	0.10	0.39	0.00	1.72
Schwannoma (m)	0	0.00	0.00	0.00	0.00	0.00
Metastatic sarcoma	0	0.00	0.00	0.00	0.00	0.00
<b>Adrenals</b>						
Numbers of rats examined	1035					
Cortical adenoma	13	1.26	1.28	1.64	0.00	4.29
Pheochromocytoma (b)	14	1.35	1.31	2.02	0.00	7.14
Ganglioneuroma (b)	1	0.10	0.13	0.52	0.00	2.00
Cortical carcinoma	2	0.19	0.11	0.43	0.00	1.67
Pheochromocytoma (m)	4	0.39	0.46	1.10	0.00	4.00
Ganglioneuroma (m)	0	0.00	0.00	0.00	0.00	0.00
<b>Adrenal Cortex</b>						
Numbers of rats examined	3001					
Adenoma	50	1.67	1.58	2.91	0.00	16.16
Hemangioma	2	0.07	0.07	0.30	0.00	1.67
Carcinoma	3	0.10	0.12	0.44	0.00	2.00
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
Metastatic sarcoma	1	0.03	0.03	0.16	0.00	1.01
Metastatic of carcinoma	1	0.03	0.04	0.27	0.00	1.69
<b>Adrenal Medulla</b>						
Numbers of rats examined	3369					
Pheochromocytoma (b)	41	1.22	1.21	1.18	0.00	4.00
Ganglioneuroma	1	0.03	0.04	0.30	0.00	2.00
Pheochromocytoma (m)	11	0.33	0.31	0.69	0.00	3.33
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
Metastatic of carcinoma	1	0.03	0.04	0.25	0.00	1.69

### Thyroid Glands and Parathyroid Glands

<b>Males</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<u>Thyroid Glands</u>						
Numbers of rats examined	3684					
C-cell adenoma	364	9.88	9.84	5.68	1.43	24.29
Follicular adenoma	130	3.53	3.52	2.86	0.00	12.00
Ganglioneuroma	1	0.03	0.04	0.28	0.00	2.00
C-cell carcinoma	47	1.28	1.35	1.91	0.00	9.38
Follicular carcinoma	28	0.76	0.82	1.35	0.00	6.00
<u>Parathyroid Glands</u>						
Numbers of rats examined	3203					
Adenoma	59	1.84	2.04	2.90	0.00	12.50

<b>Females</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<u>Thyroid Glands</u>						
Numbers of rats examined	3670					
C-cell adenoma	379	10.33	10.69	5.35	3.45	27.14
Follicular adenoma	71	1.93	2.02	1.89	0.00	8.47
Ganglioneuroma	1	0.03	0.03	0.24	0.00	1.69
C-cell carcinoma	42	1.14	1.12	2.39	0.00	11.43
Follicular carcinoma	25	0.68	0.54	1.14	0.00	5.83
<u>Parathyroid Glands</u>						
Numbers of rats examined	3114					
Adenoma	12	0.39	0.33	0.73	0.00	3.03

**Pancreas (Exocrine and Endocrine)**

<b>Males</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<b>Pancreas</b>						
Numbers of rats examined	3278					
Islet cell adenoma	172	5.25	5.40	2.81	0.00	14.00
Islet cell carcinoma	43	1.31	1.33	1.60	0.00	4.69
Acinar cell adenoma	33	1.01	1.00	1.61	0.00	7.14
Acinar cell adenocarcinoma	6	0.18	0.17	0.45	0.00	1.45
Mixed acinar-islet cell adenoma	1	0.03	0.02	0.15	0.00	1.02
Metastatic carcinoma	1	0.03	0.02	0.15	0.00	1.00
Metastatic sarcoma	1	0.03	0.02	0.15	0.00	1.01
Lymphoma infiltrate	4	0.12	0.11	0.42	0.00	2.00
Contact metastasis	2	0.06	0.07	0.33	0.00	2.00
Malignant mesothelioma	0	0.00	0.00	0.00	0.00	0.00

<b>Females</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<b>Pancreas</b>						
Numbers of rats examined	3263					
Islet cell adenoma	57	1.75	1.79	1.95	0.00	6.36
Islet cell carcinoma	7	0.21	0.20	0.67	0.00	4.08
Acinar cell adenoma	1	0.03	0.03	0.22	0.00	1.45
Acinar cell adenocarcinoma	0	0.00	0.00	0.00	0.00	0.00
Mixed acinar-islet cell adenoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic carcinoma	9	0.28	0.30	0.66	0.00	2.02
Metastatic sarcoma	5	0.15	0.11	0.44	0.00	2.02
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
Contact metastasis	1	0.03	0.04	0.30	0.00	2.00
Malignant mesothelioma	1	0.03	0.02	0.15	0.00	1.01

**Liver and Common Bile Duct**

<b>Males</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<b>Liver</b>						
Numbers of rats examined	3737					
Hepatocellular nodule	6	0.16	0.18	0.75	0.00	4.00
Hepatocellular adenoma	79	2.11	2.10	2.00	0.00	8.00
Cholangioma	1	0.03	0.03	0.18	0.00	1.27
Hemangioma	4	0.11	0.08	0.57	0.00	4.00
Hepatocellular carcinoma	18	0.48	0.49	0.80	0.00	2.80
Cholangiocell. carcinoma	1	0.03	0.02	0.14	0.00	1.00
Hemangiosarcoma	1	0.03	0.02	0.14	0.00	1.00
Metastatic carcinoma	3	0.08	0.11	0.60	0.00	4.00
Metastatic sarcoma	2	0.05	0.07	0.34	0.00	2.00
Lymphoma infiltrate	4	0.11	0.10	0.39	0.00	2.00
<b>Common Bile Duct</b>						
Numbers of rats examined	19					

<b>Females</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<b>Liver</b>						
Numbers of rats examined	3686					
Hepatocellular nodule	13	0.35	0.28	1.71	0.00	12.00
Hepatocellular adenoma	101	2.74	2.93	2.98	0.00	10.20
Cholangioma	7	0.19	0.22	0.70	0.00	4.00
Hemangioma	3	0.08	0.06	0.32	0.00	2.04
Hepatocellular carcinoma	16	0.43	0.45	0.69	0.00	2.00
Cholangiocell. carcinoma	0	0.00	0.00	0.00	0.00	0.00
Hemangiosarcoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic carcinoma	9	0.24	0.27	0.65	0.00	2.00
Metastatic sarcoma	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
<b>Common Bile Duct</b>						
Numbers of rats examined	5					

**Esophagus, Stomach, Small Intestine, Duodenum, Jejunum and Ileum**

<b>Males</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<b>Esophagus</b>						
Numbers of rats examined	3402					
Lymphoma infiltrate	1	0.03	0.02	0.15	0.00	1.00
<b>Stomach</b>						
Numbers of rats examined	3643					
Papilloma	3	0.08	0.08	0.43	0.00	2.86
Adenoma	0	0.00	0.00	0.00	0.00	0.00
Squamous cell carcinoma	4	0.11	0.12	0.41	0.00	1.69
Fibrosarcoma	2	0.05	0.06	0.30	0.00	2.00
Leiomyosarcoma	1	0.03	0.02	0.14	0.00	1.01
Metastatic carcinoma	0	0.00	0.00	0.00	0.00	0.00
Adenocarcinoma	1	0.03	0.02	0.14	0.00	1.01
Metastatic sarcoma	1	0.03	0.04	0.29	0.00	2.04
Metastatic carcinoma	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	3	0.08	0.07	0.34	0.00	2.00
Contact metastasis	2	0.05	0.04	0.20	0.00	1.01
<b>Small Intestine</b>						
Numbers of rats examined	2100					
Neurinoma (n)	0	0.00	0.00	0.00	0.00	0.00
Metastatic carcinoma	0	0.00	0.00	0.00	0.00	0.00
<b>Duodenum</b>						
Numbers of rats examined	1334					
Leiomyoma	2	0.15	0.17	0.53	0.00	2.08
Adenocarcinoma	3	0.22	0.28	0.69	0.00	2.08
Carcinoma NOS	1	0.07	0.06	0.24	0.00	1.00
Lymphoma infiltrate	2	0.15	0.14	0.40	0.00	1.45
<b>Jejunum</b>						
Numbers of rats examined	1391					
Adenoma	2	0.14	0.13	0.39	0.00	1.49
Leiomyoma	2	0.14	0.15	0.45	0.00	1.43
Adenocarcinoma	2	0.14	0.20	0.59	0.00	2.04
Leiomyosarcoma	2	0.14	0.18	0.56	0.00	2.00
Lymphoma infiltrate	3	0.22	0.18	0.55	0.00	2.00
<b>Ileum</b>						
Numbers of rats examined	1293					
Schwannoma	6	0.46	0.61	0.88	0.00	2.08
Lymphoma infiltrate	2	0.15	0.12	0.49	0.00	2.00

**Esophagus, Stomach, Small Intestine, Duodenum, Jejunum and Ileum**

<b>Females</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<b>Esophagus</b>						
Numbers of rats examined	3388					
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
<b>Stomach</b>						
Numbers of rats examined	3617					
Papilloma	4	0.11	0.14	0.66	0.00	4.17
Adenoma	1	0.03	0.02	0.14	0.00	1.00
Squamous cell carcinoma	2	0.06	0.05	0.25	0.00	1.43
Fibrosarcoma	0	0.00	0.00	0.00	0.00	0.00
Leiomyosarcoma	1	0.03	0.04	0.29	0.00	2.00
Metastatic carcinoma	2	0.06	0.07	0.33	0.00	1.85
Adenocarcinoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic sarcoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic carcinoma	2	0.06	0.06	0.32	0.00	2.00
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
Contact metastasis	0	0.00	0.00	0.00	0.00	0.00
<b>Small Intestine</b>						
Numbers of rats examined	2181					
Neurinoma (n)	0	0.00	0.00	0.00	0.00	0.00
Metastatic carcinoma	1	0.05	0.03	0.18	0.00	1.01
<b>Duodenum</b>						
Numbers of rats examined	1408					
Leiomyoma	4	0.28	0.27	0.57	0.00	2.04
Adenocarcinoma	0	0.00	0.00	0.00	0.00	0.00
Carcinoma NOS	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
<b>Jejunum</b>						
Numbers of rats examined	1403					
Adenoma	0	0.00	0.00	0.00	0.00	0.00
Leiomyoma	5	0.36	0.34	0.65	0.00	2.08
Adenocarcinoma	1	0.07	0.05	0.23	0.00	1.01
Leiomyosarcoma	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
<b>Ileum</b>						
Numbers of rats examined	1377					
Schwannoma	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00



### Forestomach

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Forestomach						
Numbers of rats examined	150					
Leiomyosarcoma	1	0.67	0.50	0.71	0.00	1.00
Contact metastasis	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Forestomach						
Numbers of rats examined	150					
Leiomyosarcoma	1	0.67	0.50	0.71	0.00	1.00
Contact metastasis	1	0.67	1.00	1.41	0.00	2.00

### Glandular Stomach

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Glandular stomach						
Numbers of rats examined	200					
Metastatic carcinoma	0	0.00	0.00	0.00	0.00	0.00
Leiomyosarcoma	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Glandular stomach						
Numbers of rats examined	200					
Metastatic carcinoma	1	0.50	0.33	0.58	0.00	1.00
Leiomyosarcoma	2	1.00	1.00	1.00	0.00	2.00

**Large Intestine, Cecum, Colon and Rectum**

<b>Males</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<b>Large Intestine</b>						
Numbers of rat examined	2543					
Fibroma	0	0.00	0.00	0.00	0.00	0.00
Leiomyoma	1	0.04	0.04	0.26	0.00	1.59
Lipoma	2	0.08	0.09	0.38	0.00	1.64
Mesothelioma	1	0.04	0.05	0.28	0.00	1.67
Fibrosarcoma	0	0.00	0.00	0.00	0.00	0.00
<b>Cecum</b>						
Numbers of rats examined	1015					
Leiomyoma	1	0.10	0.11	0.40	0.00	1.45
Lymphoma infiltrate	3	0.30	0.34	0.68	0.00	2.00
Metastatic Carcinoma	0	0.00	0.00	0.00	0.00	0.00
<b>Colon</b>						
Numbers of rats examined	1011					
Mesothelioma	1	0.10	0.13	0.46	0.00	1.67
Leiomyoma	0	0.00	0.00	0.00	0.00	0.00
Adenocarcinoma	2	0.20	0.16	0.38	0.00	1.02
Metastatic sarcoma	1	0.10	0.17	0.60	0.00	2.17
Lymphoma infiltrate	2	0.20	0.19	0.46	0.00	1.43
<b>Rectum</b>						
Numbers of rats examined	967					
Hemangioma	0	0.00	0.00	0.00	0.00	0.00
Fibrosarcoma	3	0.31	0.32	0.64	0.00	2.00
Lymphome infiltrate	2	0.21	0.17	0.58	0.00	2.00
Metastatic sarcoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic carcinoma	0	0.00	0.00	0.00	0.00	0.00

### Large Intestine, Cecum, Colon and Rectum

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<b>Large Intestine</b>						
Numbers of rat examined	2562					
Fibroma	0	0.00	0.00	0.00	0.00	0.00
Leiomyoma	1	0.04	0.04	0.26	0.00	1.54
Lipoma	0	0.00	0.00	0.00	0.00	0.00
Mesothelioma	0	0.00	0.00	0.00	0.00	0.00
Fibrosarcoma	1	0.04	0.05	0.28	0.00	1.69
<b>Cecum</b>						
Numbers of rats examined	964					
Leiomyoma	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
Metastatic Carcinoma	0	0.00	0.00	0.00	0.00	0.00
<b>Colon</b>						
Numbers of rats examined	963					
Mesothelioma	0	0.00	0.00	0.00	0.00	0.00
Leiomyoma	1	0.10	0.08	0.29	0.00	1.01
Adenocarcinoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic sarcoma	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
<b>Rectum</b>						
Numbers of rats examined	967					
Hemangioma	1	0.10	0.17	0.59	0.00	2.04
Fibrosarcoma	3	0.31	0.23	0.55	0.00	1.69
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
Metastatic sarcoma	1	0.10	0.08	0.29	0.00	1.00
Metastatic carcinoma	1	0.10	0.08	0.29	0.00	1.01

**Sublingual and Submandibular Glands, Parotid Gland, Salivary Glands (NOS)**

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<u>Sublingual and</u>						
<u>Submandibular Glands</u>						
Numbers of rats examined	826					
Adenoma	1	0.12	0.16	0.54	0.00	1.79
Myoepithelioma	1	0.12	0.14	0.45	0.00	1.49
Adenocarcinoma	1	0.12	0.15	0.50	0.00	1.67
Carcinoma NOS	1	0.12	0.08	0.27	0.00	0.91
Schwannoma (m)	4	0.48	0.56	1.06	0.00	3.23
Fibrosarcoma	0	0.00	0.00	0.00	0.00	0.00
Lymphome infiltrate	2	0.24	0.18	0.61	0.00	2.02
<u>Parotid Glands</u>						
Numbers of rats examined	219					
Adenocarcinoma	1	0.46	25.00	50.00	0.00	100.00
Schwannoma (m)	1	0.46	12.50	25.00	0.00	50.00
<u>Salivary Glands (NOS)</u>						
Numbers of rats examined	2798					
Myoepithelioma	1	0.04	0.04	0.24	0.00	1.49
Adenocarcinoma	2	0.07	0.08	0.35	0.00	2.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<u>Sublingual and</u>						
<u>Submandibular Glands</u>						
Numbers of rats examined	816					
Adenoma	1	0.12	0.09	0.27	0.00	0.86
Myoepithelioma	0	0.00	0.00	0.00	0.00	0.00
Adenocarcinoma	2	0.25	0.25	0.53	0.00	1.43
Carcinoma NOS	0	0.00	0.00	0.00	0.00	0.00
Schwannoma (m)	0	0.00	0.00	0.00	0.00	0.00
Fibrosarcoma	0	0.00	0.00	0.00	0.00	0.00
Lymphome infiltrate	0	0.00	0.00	0.00	0.00	0.00
<u>Parotid Glands</u>						
Numbers of rats examined	217					
Adenocarcinoma*	2	0.92	50.00	57.74	0.00	100.00
Schwannoma (m)	0	0.00	0.00	0.00	0.00	0.00
<u>Salivary Glands (NOS)</u>						
Numbers of rats examined	2799					
Myoepithelioma	0	0.00	0.00	0.00	0.00	0.00
Adenocarcinoma	2	0.07	0.08	0.36	0.00	2.00

\*gross lesions examined only

### Kidneys, Urinary Bladder and Urether

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<b>Kidneys</b>						
Numbers of rats examined	3690					
Transitional papilloma	1	0.03	0.04	0.28	0.00	2.00
Tubular adenoma	16	0.43	0.40	0.85	0.00	4.29
Lipoma	11	0.30	0.29	0.68	0.00	3.00
Hemangioma	1	0.03	0.02	0.14	0.00	1.00
Transitional carcinoma	4	0.11	0.10	0.40	0.00	2.00
Tubular carcinoma	8	0.22	0.19	0.78	0.00	4.29
Liposarcoma	9	0.24	0.26	0.67	0.00	2.86
Nephroblastoma	1	0.03	0.02	0.14	0.00	1.00
Mesenchymal tumor	4	0.11	0.12	0.41	0.00	2.00
Hemangiosarcoma	1	0.03	0.04	0.28	0.00	2.00
Sarcoma, NOS	1	0.03	0.04	0.29	0.00	2.04
Leiomyosarcoma	1	0.03	0.04	0.28	0.00	2.00
Malignant mesothelioma	0	0.00	0.00	0.00	0.00	0.00
Metastatic carcinoma	2	0.05	0.06	0.31	0.00	2.00
Lymphoma infiltrate	5	0.14	0.13	0.58	0.00	2.86
<b>Urinary Bladder</b>						
Numbers of rats examined	3625					
Polyp	1	0.03	0.04	0.29	0.00	2.00
Transitional cell papilloma	1	0.03	0.02	0.14	0.00	1.00
Transitional cell carcinoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic carcinoma	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	3	0.08	0.08	0.32	0.00	1.43
Contact metastasis	0	0.00	0.00	0.00	0.00	0.00
<b>Urether</b>						
Numbers of rats examined	108					

### Kidneys, Urinary Bladder and Urether

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<b>Kidneys</b>						
Numbers of rats examined	3502					
Transitional papilloma	1	0.03	0.03	0.20	0.00	1.43
Tubular adenoma	5	0.14	0.16	0.49	0.00	2.00
Lipoma	9	0.26	0.23	0.56	0.00	2.04
Hemangioma	1	0.03	0.03	0.20	0.00	1.43
Transitional carcinoma	1	0.03	0.03	0.22	0.00	1.56
Tubular carcinoma	6	0.17	0.18	0.62	0.00	3.00
Liposarcoma	3	0.09	0.08	0.34	0.00	1.72
Nephroblastoma	5	0.14	0.22	0.81	0.00	5.00
Mesenchymal tumor	0	0.00	0.00	0.00	0.00	0.00
Hemangiosarcoma	1	0.03	0.04	0.29	0.00	2.00
Sarcoma, NOS	2	0.06	0.04	0.29	0.00	2.00
Leiomyosarcoma	0	0.00	0.00	0.00	0.00	0.00
Malignant mesothelioma	1	0.03	0.02	0.14	0.00	1.00
Metastatic carcinoma	1	0.03	0.04	0.29	0.00	2.00
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
<b>Urinary Bladder</b>						
Numbers of rats examined	3640					
Polyp	0	0.00	0.00	0.00	0.00	0.00
Transitional cell papilloma	1	0.03	0.02	0.15	0.00	1.02
Transitional cell carcinoma	3	0.08	0.08	0.35	0.00	2.00
Metastatic carcinoma	2	0.05	0.06	0.29	0.00	1.45
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
Contact metastasis	1	0.03	0.02	0.13	0.00	0.93
<b>Urether</b>						
Numbers of rats examined	106					

**Skin and Subcutis**

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<b>Skin</b>						
Numbers of rats examined	3493					
Papilloma	49	1.40	2.14	4.76	0.00	27.78
Keratocanthoma	139	3.98	4.86	6.69	0.00	36.36
Adenoma (NOS)	0	0.00	0.00	0.00	0.00	0.00
Sebaceous adenoma	13	0.37	0.33	0.79	0.00	4.35
Tricholemmoma	3	0.09	0.08	0.38	0.00	2.11
Trichoepithelioma	3	0.09	0.09	0.61	0.00	4.35
Trichofolliculoma	0	0.00	0.00	0.00	0.00	0.00
Basal cell tumor benign	9	0.26	0.28	0.96	0.00	6.00
Epitheloid blastoma (NOS)	0	0.00	0.00	0.00	0.00	0.00
Granular cell tumor (b)	1	0.03	0.04	0.28	0.00	2.00
Fibroma	127	3.64	5.92	14.08	0.00	100.00
Lipoma	33	0.94	1.31	3.13	0.00	20.00
Leiomyoma	0	0.00	0.00	0.00	0.00	0.00
Hemangioma	9	0.26	0.34	0.94	0.00	5.56
Schwannoma (b)	5	0.14	0.13	0.49	0.00	2.90
Schwannoma (m)	19	0.54	0.50	1.07	0.00	4.35
Carcinoma in situ	2	0.06	0.06	0.29	0.00	1.45
Sebaceous carcinoma	5	0.14	0.12	0.44	0.00	2.00
Squamous cell carcinoma	31	0.89	0.90	1.52	0.00	8.00
Carcinoma, NOS	3	0.09	0.08	0.32	0.00	1.45
Basal cell carcinoma	8	0.23	0.24	0.70	0.00	4.00
Fibrosarcoma	16	0.46	0.64	1.52	0.00	9.09
Fibroliposarcoma	1	0.03	0.02	0.14	0.00	1.02
Leiomyosarcoma	0	0.00	0.00	0.00	0.00	0.00
Liposarcoma	5	0.14	0.14	0.42	0.00	1.45
Hemangiosarcoma	13	0.37	0.35	0.72	0.00	3.00
Cystic sarcoma	5	0.14	0.15	0.54	0.00	2.86
Sarcoma, NOS	23	0.66	0.97	2.94	0.00	20.00
Histiocytic sarcoma	4	0.11	0.09	0.46	0.00	3.00
Benign basal cell tumor	1	0.03	0.11	0.79	0.00	5.56
Neural crest tumor	1	0.03	0.02	0.13	0.00	0.93
Osteosarcoma	1	0.03	0.02	0.14	0.00	1.00
Malignant neurinoma	1	0.03	0.04	0.29	0.00	2.04
Metastatic carcinoma	1	0.03	0.04	0.29	0.00	2.04
Rhabdomyosarcoma	1	0.03	0.02	0.12	0.00	0.83
Gran.cell myoblastoma	1	0.03	0.02	0.12	0.00	0.83
Zymbal gland carcinoma	0	0.00	0.00	0.00	0.00	0.00
Hemangiopericytoma	1	0.03	0.02	0.14	0.00	1.01

### Skin and Subcutis

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<b>Skin</b>						
Numbers of rats examined	3471					
Papilloma	6	0.17	0.14	0.46	0.00	2.04
Keratocanthoma	4	0.12	0.49	2.87	0.00	20.00
Adenoma (NOS)	1	0.03	0.02	0.14	0.00	1.01
Sebaceous adenoma	4	0.12	0.50	2.87	0.00	20.00
Tricholemmoma	8	0.23	0.19	0.93	0.00	6.19
Trichoepithelioma	3	0.09	0.08	0.34	0.00	2.00
Trichofolliculoma	1	0.03	0.03	0.24	0.00	1.69
Basal cell tumor benign	3	0.09	0.09	0.37	0.00	1.96
Epitheloid blastoma (NOS)	1	0.03	0.03	0.24	0.00	1.69
Granular cell tumor (b)	1	0.03	0.04	0.29	0.00	2.00
Fibroma	36	1.04	1.54	3.20	0.00	20.00
Lipoma	16	0.46	0.67	2.39	0.00	15.79
Leiomyoma	1	0.03	0.03	0.20	0.00	1.43
Hemangioma	1	0.03	0.03	0.20	0.00	1.43
Schwannoma (b)	2	0.06	0.04	0.20	0.00	1.00
Schwannoma (m)	3	0.09	0.15	0.77	0.00	5.26
Carcinoma in situ	0	0.00	0.00	0.00	0.00	0.00
Sebaceous carcinoma	3	0.09	0.08	0.32	0.00	1.47
Squamous cell carcinoma	11	0.32	0.40	0.93	0.00	5.26
Carcinoma, NOS	0	0.00	0.00	0.00	0.00	0.00
Basal cell carcinoma	3	0.09	0.26	1.53	0.00	10.53
Fibrosarcoma	15	0.43	0.37	0.82	0.00	3.00
Fibroliposarcoma	3	0.09	0.09	0.48	0.00	2.94
Leiomyosarcoma	1	0.03	0.02	0.14	0.00	1.00
Liposarcoma	3	0.09	0.10	0.40	0.00	2.04
Hemangiosarcoma	1	0.03	0.03	0.20	0.00	1.43
Cystic sarcoma	0	0.00	0.00	0.00	0.00	0.00
Sarcoma, NOS	4	0.12	0.10	0.35	0.00	1.47
Histiocytic sarcoma	4	0.12	0.18	0.80	0.00	5.26
Benign basal cell tumor	0	0.00	0.00	0.00	0.00	0.00
Neural crest tumor	0	0.00	0.00	0.00	0.00	0.00
Osteosarcoma	0	0.00	0.00	0.00	0.00	0.00
Malignant neurinoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic carcinoma	0	0.00	0.00	0.00	0.00	0.00
Rhabdomyosarcoma	0	0.00	0.00	0.00	0.00	0.00
Gran.cell myoblastoma	0	0.00	0.00	0.00	0.00	0.00
Zymbal gland carcinoma	0	0.00	0.00	0.00	0.00	0.00
Hemangiopericytoma	0	0.00	0.00	0.00	0.00	0.00



**Testes, Epididymides, Prostate Gland**

<b>Males</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<b>Testes</b>						
Numbers of rats examined	3686					
Leydig cell tumor (b)	146	3.96	3.89	3.06	0.00	10.10
Leydig cell tumor (m)	1	0.03	0.03	0.20	0.00	1.43
Lipoma	1	0.03	0.02	0.14	0.00	1.01
Hemangioma	3	0.08	0.06	0.24	0.00	1.01
Mesothelioma	7	0.19	0.20	0.53	0.00	2.00
Metastatic sarcoma	3	0.08	0.06	0.32	0.00	2.02
Metastatic carcinoma	1	0.03	0.02	0.14	0.00	1.01
Retetestis Carcinoma	1	0.03	0.03	0.20	0.00	1.43
Lymphoma Infiltrate	5	0.14	0.13	0.52	0.00	2.86
Contact metastasis	2	0.05	0.06	0.31	0.00	2.00
<b>Epididymides</b>						
Numbers of rats examined	3421					
Adenocarcinoma	1	0.03	0.10	0.72	0.00	5.00
Leiomyosarcoma	1	0.03	0.03	0.22	0.00	1.54
Mesothelioma	2	0.06	0.04	0.20	0.00	1.01
Schwannoma malignant	1	0.03	0.02	0.14	0.00	1.00
Metastatic sarcoma	2	0.06	0.04	0.29	0.00	2.02
Fibrosarcoma	1	0.03	0.02	0.12	0.00	0.83
Lymphoma Infiltrate	3	0.09	0.07	0.35	0.00	2.00
Histiocytic sarcoma	1	0.03	0.02	0.12	0.00	0.83
Contact metastasis	2	0.06	0.06	0.32	0.00	2.00
<b>Prostate Gland</b>						
Numbers of rats examined	3591					
Adenoma	10	0.28	0.27	0.98	0.00	6.00
Adenocarcinoma	6	0.17	0.16	0.46	0.00	2.08
Squamous cell carcinoma	1	0.03	0.04	0.29	0.00	2.00
Leiomyosarcoma	2	0.06	0.04	0.20	0.00	1.01
Lymphoma infiltrate	2	0.06	0.04	0.29	0.00	2.00
Contact metastasis	1	0.03	0.04	0.29	0.00	2.00

### Coagulating Glands and Seminal Vesicles

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<b>Coagulating Glands</b>						
Numbers of rats examined	403					
Lymphoma infiltrate	1	0.25	0.61	1.36	0.00	3.03
<b>Seminal Vesicles</b>						
Numbers of rats examined	3356					
Adenoma	3	0.09	0.08	0.33	0.00	1.54
Leiomyoma	1	0.03	0.03	0.21	0.00	1.43
Granular cell tumor (b)	1	0.03	0.04	0.29	0.00	2.00
Adenocarcinoma	5	0.15	0.17	0.53	0.00	2.00
Leiomyosarcoma	1	0.03	0.04	0.29	0.00	2.00
Metastatic sacoma	2	0.06	0.04	0.21	0.00	1.00
Lymphoma infiltrate	2	0.06	0.04	0.29	0.00	2.00
Contact Metastasis	1	0.03	0.02	0.15	0.00	1.00

### Preputial Glands\*

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<b>Preputial Glands</b>						
Numbers of rats examined	11					
Carcinoma, NOS	3	27.27	16.67	28.87	0.00	66.67
Adenoma	1	9.09	14.29	37.80	0.00	100.00
Squamous carcinoma	1	9.09	14.29	37.80	0.00	100.00

\*gross lesions examined only

## Mammary Glands

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Mammary Gland						
Numbers of rats examined	2265					
Adenoma	2	0.09	0.78	3.55	0.00	16.67
Cystadenoma	0	0.00	0.00	0.00	0.00	0.00
Fibroadenoma*	20	0.88	6.42	19.53	0.00	100.00
Fibroma	0	0.00	0.00	0.00	0.00	0.00
Adenocarcinoma	9	0.40	2.66	8.98	0.00	50.00
Carcinosarcoma	0	0.00	0.00	0.00	0.00	0.00
Squamous carcinoma	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	1	0.04	0.02	0.16	0.00	1.03

\*in several studies, gross lesions examined only

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	3629					
Adenoma	52	1.43	1.51	2.36	0.00	14.00
Cystadenoma	1	0.03	0.04	0.29	0.00	2.00
Fibroadenoma	1026	28.27	28.87	10.96	6.00	60.00
Fibroma	10	0.28	0.27	1.04	0.00	5.08
Adenocarcinoma	194	5.35	5.63	3.95	0.00	18.00
Carcinosarcoma	7	0.19	0.16	0.89	0.00	6.06
Squamous carcinoma	1	0.03	0.04	0.29	0.00	2.00
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00

### Ovaries and Oviducts

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<u>Ovaries</u>						
Numbers of rats examined	3612					
Gonad. Strom. Adenoma	2	0.06	0.04	0.19	0.00	1.02
Luteoma	6	0.17	0.19	0.73	0.00	4.00
Theca cell tumor (b)	9	0.25	0.26	0.65	0.00	2.86
Granulosa cell tumor (b)	51	1.41	1.30	2.69	0.00	14.00
Theca-granulosa cell tumor (b)	55	1.52	1.65	2.76	0.00	12.86
Sertoli cell tumor	10	0.28	0.27	0.76	0.00	4.29
Undifferentiated stromal tumor (b)	1	0.03	0.03	0.20	0.00	1.43
Sex cord stromal tumor	6	0.17	0.17	0.81	0.00	4.08
Fibroma	1	0.03	0.03	0.20	0.00	1.41
Theca-granulosa cell tumor (m)	12	0.33	0.30	0.79	0.00	4.29
Fibrosarcoma	1	0.03	0.04	0.25	0.00	1.72
Hemangiosarcoma	2	0.06	0.06	0.29	0.00	1.45
Cystadenocarcinoma	1	0.03	0.03	0.20	0.00	1.41
Mesothelioma	2	0.06	0.06	0.40	0.00	2.82
Leiomyosarcoma	1	0.03	0.02	0.12	0.00	0.83
Metastatic Carcinoma	8	0.22	0.22	0.70	0.00	2.90
Metastatic sarcoma	1	0.03	0.02	0.14	0.00	1.01
<u>Oviducts</u>						
Numbers of rats examined	301					
Metastatic carcinoma	1	0.33	0.40	0.89	0.00	2.00

### Uterus

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<u>Uterus</u>						
Numbers of rats examined	3594					
Adenoma	18	0.50	0.47	1.02	0.00	4.35
Hemangioma	3	0.08	0.06	0.23	0.00	1.00
Polyp, endometrial	142	3.95	4.23	5.67	0.00	21.57
Polyp, stromal	243	6.76	6.42	5.99	0.00	20.41
Leiomyoma	7	0.19	0.21	0.58	0.00	2.00
Schwannoma (b)	2	0.06	0.06	0.41	0.00	2.90
Granular cell tumor (b)	9	0.25	0.27	0.74	0.00	3.80
Squamous cell carcinoma	14	0.39	0.43	0.95	0.00	4.00
Fibrosarcoma	2	0.06	0.04	0.29	0.00	2.04
Hemangiosarcoma	1	0.03	0.02	0.14	0.00	1.00
Leiomyosarcoma	4	0.11	0.10	0.36	0.00	1.72
Schwannoma (m)	10	0.28	0.30	0.78	0.00	3.80
Granular cell tumor (m)	1	0.03	0.03	0.21	0.00	1.45
Stromal sarcoma	20	0.56	0.62	1.11	0.00	4.29
Sarcoma, cystic	5	0.14	0.10	0.51	0.00	3.33
Adenocarcinoma	101	2.81	2.95	2.94	0.00	11.00
Carcinosarcoma	1	0.03	0.02	0.14	0.00	1.00

**Cervix, Vagina and Clitoris**

<b>Females</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<b>Cervix</b>						
Numbers of rats examined	1415					
Stromal polyp	6	0.42	0.34	0.67	0.00	2.02
Fibroma	3	0.21	0.18	0.73	0.00	3.03
Leiomyoma	2	0.14	0.10	0.29	0.00	0.93
Granular cell tumor	3	0.21	0.23	0.55	0.00	2.00
Stromal cell sarcoma	4	0.28	0.22	0.53	0.00	1.85
Metastatic carcinoma	2	0.14	0.14	0.41	0.00	1.43
Contact metastasis	1	0.07	0.06	0.24	0.00	1.01
<b>Vagina</b>						
Numbers of rats examined	1778					
Polyp, stromal*	12	0.67	3.74	17.41	0.00	100.00
Adenomatous polyp	1	0.06	0.03	0.17	0.00	1.01
Fibroma	1	0.06	0.04	0.24	0.00	1.45
Leiomyoma	1	0.06	0.04	0.24	0.00	1.43
Hemangioma	1	0.06	0.03	0.17	0.00	1.00
Neurofibroma (b)	1	0.06	0.40	2.38	0.00	14.29
Granular cell tumor	3	0.17	0.11	0.46	0.00	2.00
Squamous cell carcinoma	1	0.06	0.03	0.20	0.00	1.20
Schwannoma (m)	1	0.06	0.06	0.33	0.00	2.00
Leiomyosarcoma	1	0.06	0.03	0.17	0.00	1.01
Metastatic sarcoma	1	0.06	0.40	2.38	0.00	14.29
Metastatic carcinoma*	5	0.28	1.42	8.33	0.00	50.00
Contact metastasis	2	0.11	0.06	0.34	0.00	2.02
<b>Clitoris</b>						
Numbers of rats examined	1					
<b>Clitoral Gland</b>						
Numbers of rats examined	218					
Fibrous histiocytic sarcoma	1	0.46	25.00	50.00	0.00	100.00

\*in single studies, gross lesions examined only

### Hemolymphoreticular System, Bone Marrow (Femur, Sternum) and Spleen

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<b>Hemolymphoreticular</b>						
<u>System</u>						
Numbers of rats examined	3748					
Histiocytic sarcoma	25	0.67	0.75	1.39	0.00	8.16
Fibrous histiocytoma	17	0.45	0.42	1.60	0.00	8.57
Lymphoma (malign.)	122	3.26	3.29	2.63	0.00	12.00
Myeloid leukemia	0	0.00	0.00	0.00	0.00	0.00
<b>Bone Marrow</b>						
<u>Bone Marrow</u>						
Numbers of rats examined	3357					
Hemangioma	2	0.06	0.05	0.21	0.00	1.04
<b>Bone Marrow-Sternum</b>						
<u>Bone Marrow-Sternum</u>						
Numbers of rats examined	1999					
Hemangioma	2	0.10	0.11	0.42	0.00	2.00
<b>Bone Marrow-Femur</b>						
<u>Bone Marrow-Femur</u>						
Numbers of rats examined	1031					
Metastatic carcinoma	1	0.10	0.13	0.52	0.00	2.00
<b>Spleen</b>						
<u>Spleen</u>						
Numbers of rats examined	3587					
Hemangioma	6	0.17	0.17	0.62	0.00	2.90
Leiomyoma	1	0.03	0.04	0.29	0.00	2.00
Hemangiosarcoma	10	0.28	0.28	0.70	0.00	2.86
Sarcoma, NOS	4	0.11	0.12	0.49	0.00	2.04
Lymphoma infiltrate	3	0.08	0.08	0.32	0.00	1.43
Metastatic carcinoma	1	0.03	0.02	0.14	0.00	1.00
Malignant lymphoma	1	0.03	0.02	0.12	0.00	0.83

### Hemolymphoreticular System, Bone Marrow (Femur, Sternum) and Spleen

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<b>Hemolymphoreticular</b>						
<u>System</u>						
Numbers of rats examined	3751					
Histiocytic sarcoma	19	0.51	0.54	1.07	0.00	4.00
Fibrous histiocytoma	6	0.16	0.16	0.64	0.00	3.00
Lymphoma (malign.)	108	2.88	3.01	2.73	0.00	10.00
Myeloid leukemia	4	0.11	0.10	0.36	0.00	1.43
<b>Bone Marrow</b>						
<u>Bone Marrow</u>						
Numbers of rats examined	3283					
Hemangioma	0	0.00	0.00	0.00	0.00	0.00
<b>Bone Marrow-Sternum</b>						
<u>Bone Marrow-Sternum</u>						
Numbers of rats examined	1979					
Hemangioma	1	0.05	0.07	0.38	0.00	2.00
<b>Bone Marrow-Femur</b>						
<u>Bone Marrow-Femur</u>						
Numbers of rats examined	1032					
Metastatic carcinoma	0	0.00	0.00	0.00	0.00	0.00
<b>Spleen</b>						
<u>Spleen</u>						
Numbers of rats examined	3465					
Hemangioma	6	0.17	0.19	0.53	0.00	2.00
Leiomyoma	0	0.00	0.00	0.00	0.00	0.00
Hemangiosarcoma	4	0.12	0.10	0.37	0.00	2.00
Sarcoma, NOS	3	0.09	0.06	0.32	0.00	2.00
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
Metastatic carcinoma	6	0.17	0.14	0.44	0.00	2.00
Malignant lymphoma	0	0.00	0.00	0.00	0.00	0.00

**Mesentric Lymph Nodes, Mandibular Lymph Nodes,  
Cervical Lymph Nodes and Other Lymph Nodes**

<b>Males</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<b>Mesentric Lymph Nodes</b>						
Numbers of rats examined	3579					
Hemangioma	263	7.35	7.76	5.91	0.00	26.09
Lymphangioma	1	0.03	0.04	0.29	0.00	2.00
Lipoma	0	0.00	0.00	0.00	0.00	0.00
Hemangiosarcoma	54	1.51	1.55	2.48	0.00	14.00
Metastatic sarcoma	1	0.03	0.04	0.29	0.00	2.00
Metastatic carcinoma	1	0.03	0.02	0.14	0.00	1.00
Lymphoma infiltrate	3	0.08	0.07	0.35	0.00	2.02
Fibrous histiocytic sarcoma	5	0.14	0.18	1.15	0.00	8.00
<b>Mandibular Lymph Nodes</b>						
Numbers of rats examined	3316					
Hemangioma	2	0.06	0.06	0.42	0.00	2.86
Fibroma	1	0.03	0.02	0.14	0.00	0.94
Liposarcoma	1	0.03	0.02	0.12	0.00	0.83
Hemangiosarcoma	4	0.12	0.77	5.30	0.00	36.36
Metastatic sarcoma	2	0.06	0.05	0.26	0.00	1.49
Metastatic Carcinoma	4	0.12	0.11	0.42	0.00	2.02
Lymphoma infiltrate	5	0.15	0.15	0.61	0.00	2.94
<b>Cervical Lymph Nodes</b>						
Numbers of rats examined	383					
Hemangioma	0	0.00	0.00	0.00	0.00	0.00
Hemangiosarcoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic sarcoma	0	0.00	0.00	0.00	0.00	0.00
<b>Lymph Nodes (generally)*</b>						
Numbers of rats examined	579					
Hemangioma	10	1.73	2.27	7.06	0.00	33.33
Hemangiosarcoma	9	1.55	4.80	18.23	0.00	100.00
Metastatic sarcoma	3	0.52	1.07	5.55	0.00	33.33
Metastatic carcinoma	3	0.52	2.87	16.44	0.00	100.00
Lymphoma infiltrate	1	0.17	0.12	0.75	0.00	4.55



**Mesentric Lymph Nodes, Mandibular Lymph Nodes,  
Cervical Lymph Nodes and Other Lymph Nodes**

<b>Females</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<b>Mesentric Lymph Nodes</b>						
Numbers of rats examined	3491					
Hemangioma	84	2.41	2.96	5.08	0.00	33.33
Lymphangioma	1	0.03	0.04	0.29	0.00	2.04
Lipoma	1	0.03	0.04	0.29	0.00	2.00
Hemangiosarcoma	16	0.46	0.45	0.89	0.00	4.08
Metastatic sarcoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic carcinoma	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	1	0.03	0.03	0.21	0.00	1.45
Fibrous histiocytic sarcoma	0	0.00	0.00	0.00	0.00	0.00
<b>Mandibular Lymph Nodes</b>						
Numbers of rats examined	3131					
Hemangioma	1	0.03	0.05	0.30	0.00	2.00
Fibroma	0	0.00	0.00	0.00	0.00	0.00
Liposarcoma	0	0.00	0.00	0.00	0.00	0.00
Hemangiosarcoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic sarcoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic Carcinoma	2	0.06	0.04	0.20	0.00	1.01
	2	0.06	0.02	0.14	0.00	1.00
Lymphoma infiltrate	1	0.03	0.02	0.15	0.00	1.00
<b>Cervical Lymph Nodes</b>						
Numbers of rats examined	383					
Hemangioma	0	0.00	0.00	0.00	0.00	0.00
Hemangiosarcoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic sarcoma	1	0.26	0.20	0.45	0.00	1.00
<b>Lymph Nodes (generally)*</b>						
Numbers of rats examined	530					
Hemangioma	10	1.89	3.55	10.09	0.00	50.00
Hemangiosarcoma	2	0.38	3.50	18.56	0.00	100.00
Metastatic sarcoma	3	0.57	0.82	4.13	0.00	22.22
Metastatic carcinoma	2	0.38	1.78	9.28	0.00	50.00
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00

\*gross lesions or single studies only

### Thymus

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<b>Thymus</b>						
Numbers of rats examined	3376					
Thymoma (b)	23	0.68	0.59	1.44	0.00	8.25
Thymoma (m)	18	0.53	0.57	1.00	0.00	3.13
Cystic sarcoma	2	0.06	0.07	0.32	0.00	1.59
Thymic lymphoma	3	0.09	0.06	0.31	0.00	2.02
Thymoma: lymphocytic benign	5	0.15	0.12	0.67	0.00	4.44
Thymoma: lymphocytic malignant	1	0.03	0.01	0.07	0.00	0.51
Thymoma: epith. malignant	1	0.03	0.01	0.07	0.00	0.51
Lymphangioma	0	0.00	0.00	0.00	0.00	0.00
Metastatic sarcoma	1	0.03	0.05	0.37	0.00	2.56
Metastatic carcinoma	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	6	0.18	0.13	0.50	0.00	2.08

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
<b>Thymus</b>						
Numbers of rats examined	3475					
Thymoma (b)	88	2.53	2.62	4.91	0.00	17.02
Thymoma (m)	23	0.66	0.68	1.80	0.00	11.11
Cystic sarcoma	0	0.00	0.00	0.00	0.00	0.00
Thymic lymphoma	10	0.29	0.29	1.32	0.00	8.51
Thymoma: lymphocytic benign	11	0.32	0.28	1.53	0.00	10.20
Thymoma: lymphocytic malignant	2	0.06	0.05	0.30	0.00	2.04
Thymoma: epith. malignant	0	0.00	0.00	0.00	0.00	0.00
Lymphangioma	1	0.03	0.02	0.15	0.00	1.03
Metastatic sarcoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic carcinoma	3	0.09	0.10	0.41	0.00	2.00
Lymphoma infiltrate	1	0.03	0.03	0.21	0.00	1.47

**Oral Cavity, Teeth, Nasal Cavities and Paranasal Sinuses**

<b>Males</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<u>Oral Cavity/Soft Palate*</u>						
Numbers of rats examined	115					
Papilloma	1	0.87	25.00	50.00	0.00	100.00
Squamous cell carcinoma	2	1.74	50.00	57.74	0.00	100.00
<u>Teeth*</u>						
Numbers of rats examined	1					
Odontoma	0	0.00	0.00	0.00	0.00	0.00
Compound odontoma	0	0.00	0.00	0.00	0.00	0.00
<u>Nasal Cavities</u>						
Numbers of rats examined	1039					
Carcinoma, NOS	0	0.00	0.00	0.00	0.00	0.00
Neurinoma (m)	0	0.00	0.00	0.00	0.00	0.00
<u>Paranasal Sinuses*</u>						
Numbers of rats examined	217					
Schwannoma	6	2.76	53.69	50.09	0.00	100.00

<b>Females</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<u>Oral Cavity/Soft Palate*</u>						
Numbers of rats examined	113					
Papilloma	0	0.00	0.00	0.00	0.00	0.00
Squamous cell carcinoma	0	0.00	0.00	0.00	0.00	0.00
<u>Teeth*</u>						
Numbers of rats examined	1					
Odontoma	1	100.00	100.00	0.00	100.00	100.00
Compound odontoma	1	100.00	0.00	0.00	0.00	0.00
<u>Nasal Cavities</u>						
Numbers of rats examined	1034					
Carcinoma, NOS	1	0.10	0.10	0.36	0.00	1.30
Neurinoma (m)	0	0.00	0.00	0.00	0.00	0.00
<u>Paranasal Sinuses*</u>						
Numbers of rats examined	212					
Schwannoma	0	0.00	0.00	0.00	0.00	0.00

\*gross lesions or single studies only

**Bone (Sternum, Femur and Others), Joints, Skeletal Muscle and Tongue**

<b>Males</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<b>Bone-Sternum</b>						
Numbers of rats examined	2402					
Carcinosarcoma	1	0.04	0.06	0.35	0.00	2.00
<b>Bone-Femur</b>						
Numbers of rats examined	2480					
Osteofibroma	1	0.04	0.06	0.34	0.00	2.00
Osteosarcoma	3	0.12	0.11	0.38	0.00	1.43
<b>Bones (generally)</b>						
Numbers of rats examined	1239					
Osteoma*	3	0.24	5.48	21.25	0.00	100.00
Osteosarcoma	2	0.16	0.28	1.07	0.00	5.00
<b>Joint</b>						
Numbers of rats examined	1630					
Fibrosarcoma	1	0.06	0.09	0.42	0.00	2.00
<b>Skeletal Muscle</b>						
Numbers of rats examined	3535					
Schwannoma	1	0.03	0.04	0.29	0.00	2.00
Hemangiosarcoma	3	0.08	0.09	0.38	0.00	2.00
Metastatic sarcoma	1	0.03	0.03	0.21	0.00	1.45
Lymphoma infiltrate	3	0.08	0.07	0.36	0.00	2.02
Sarcoma	2	0.06	0.04	0.29	0.00	2.00
<b>Tongue</b>						
Numbers of rats examined	2532					
Papilloma	2	0.08	0.10	0.41	0.00	2.04
Keratoacanthoma	0	0.00	0.00	0.00	0.00	0.00
Granular cell tumor*	2	0.08	2.83	16.66	0.00	100.00
Squamous carcinoma	1	0.04	0.02	0.14	0.00	0.83
Lymphoma infiltrate	1	0.04	0.03	0.17	0.00	1.00
Metastatic carcinoma	1	0.04	0.03	0.17	0.00	1.00

\*in single studies, gross lesions examined only

**Bone (Sternum, Femur and Others), Joints, Skeletal Muscle and Tongue**

<b>Females</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<b>Bone-Sternum</b>						
Numbers of rats examined	2348					
Carcinosarcoma	0	0.00	0.00	0.00	0.00	0.00
<b>Bone-Femur</b>						
Numbers of rats examined	2426					
Osteofibroma	0	0.00	0.00	0.00	0.00	0.00
Osteosarcoma	0	0.00	0.00	0.00	0.00	0.00
<b>Bones (generally)</b>						
Numbers of rats examined	1193					
Osteoma	2	0.17	0.18	0.58	0.00	2.00
Osteosarcoma	1	0.08	0.05	0.22	0.00	1.02
<b>Joint</b>						
Numbers of rats examined	1580					
Fibrosarcoma	0	0.00	0.00	0.00	0.00	0.00
<b>Skeletal Muscle</b>						
Numbers of rats examined	3532					
Schwannoma	0	0.00	0.00	0.00	0.00	0.00
Hemangiosarcoma	1	0.03	0.02	0.15	0.00	1.02
Metastatic sarcoma	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
Sarcoma	0	0.00	0.00	0.00	0.00	0.00
<b>Tongue</b>						
Numbers of rats examined	2513					
Papilloma	4	0.16	0.21	0.78	0.00	4.00
Keratoacanthoma	1	0.04	0.05	0.30	0.00	1.79
Granular cell tumor	0	0.00	0.00	0.00	0.00	0.00
Squamous carcinoma	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	0	0.00	0.00	0.00	0.00	0.00
Metastatic carcinoma	0	0.00	0.00	0.00	0.00	0.00

**Body Cavities, Adipose Tissues and Tail\***

<b>Males</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<b>Body Cavities</b>						
Numbers of rats examined	306					
Osteosarcoma	1	0.33	0.32	2.13	0.00	14.29
Hemangiopericytoma	0	0.00	0.00	0.00	0.00	0.00
Neoplasm NOS	1	0.33	0.74	4.97	0.00	33.33
Metastatic carcinoma	1	0.33	0.74	4.97	0.00	33.33
Metastatic sarcoma	2	0.65	0.72	3.48	0.00	20.00
Lipoma	21	6.86	6.77	20.50	0.00	100.00
Hemangioma	1	0.33	0.15	0.99	0.00	6.67
Adenoma (NOS)	1	0.33	0.15	0.99	0.00	6.67
Fibroma	2	0.65	0.96	5.16	0.00	33.33
Squamous cell carcinoma	1	0.33	0.22	1.49	0.00	10.00
Liposarcoma	1	0.33	0.74	4.97	0.00	33.33
Malignant schwannoma	3	0.98	2.94	15.20	0.00	100.00
Hemangiosarcoma	4	1.31	1.52	5.13	0.00	25.00
Mesothelioma	21	6.86	8.31	20.38	0.00	80.00
Sarcoma, NOS	3	0.98	0.74	3.01	0.00	16.67
Leiomyosarcoma	1	0.33	0.25	1.66	0.00	11.11
Lymphoma infiltrate	1	0.33	0.44	2.98	0.00	20.00
Fibrous histiocytic sarcoma	0	0.00	0.00	0.00	0.00	0.00
Contact metastasis	1	0.33	0.56	3.73	0.00	25.00
<b>Adipose Tissue</b>						
Numbers of rats examined	173					
Lipoma	6	3.47	19.05	38.47	0.00	100.00
Hibernoma	1	0.58	11.11	33.33	0.00	100.00
Metastatic carcinoma	1	0.58	1.59	4.76	0.00	14.29
<b>Tail</b>						
Numbers of rats examined	3					
Kerathoacanthoma	2	66.67	66.67	0.00	66.67	66.67
Baso-squamous cell papilloma	1	33.33	33.33	0.00	33.33	33.33

**Body Cavities, Adipose Tissues and Tail\***

<b>Females</b>	<b>Total n</b>	<b>Total %</b>	<b>Mean %</b>	<b>STDEV %</b>	<b>MIN %</b>	<b>MAX %</b>
<b>Body Cavities</b>						
Numbers of rats examined	313					
Osteosarcoma	0	0.00	0.00	0.00	0.00	0.00
Hemangiopericytoma	1	0.32	0.14	0.94	0.00	6.25
Neoplasm NOS	0	0.00	0.00	0.00	0.00	0.00
Metastatic carcinoma	4	1.28	0.91	3.40	0.00	20.00
Metastatic sarcoma	4	1.28	1.79	7.94	0.00	50.00
Lipoma	30	9.58	10.33	22.76	0.00	83.33
Hemangioma	1	0.32	2.27	15.08	0.00	100.00
Adenoma (NOS)	0	0.00	0.00	0.00	0.00	0.00
Fibroma	3	0.96	2.32	15.07	0.00	100.00
Squamous cell carcinoma	0	0.00	0.00	0.00	0.00	0.00
Liposarcoma	1	0.32	0.14	0.94	0.00	6.25
Malignant schwannoma	3	0.96	0.95	3.58	0.00	16.67
Hemangiosarcoma	2	0.64	0.60	3.14	0.00	20.00
Mesothelioma	6	1.92	3.01	10.67	0.00	50.00
Sarcoma, NOS	3	0.96	2.27	15.08	0.00	100.00
Leiomyosarcoma	0	0.00	0.00	0.00	0.00	0.00
Lymphoma infiltrate	1	0.32	0.38	2.51	0.00	16.67
Fibrous histiocytic sarcoma	1	0.32	0.14	0.94	0.00	6.25
Contact metastasis	3	0.96	1.16	4.37	0.00	20.00
<b>Adipose Tissue</b>						
Numbers of rats examined	160					
Lipoma	5	3.13	28.57	48.80	0.00	100.00
Hibernoma	0	0.00	0.00	0.00	0.00	0.00
Metastatic carcinoma	0	0.00	0.00	0.00	0.00	0.00
<b>Tail</b>						
Numbers of rats examined	0					
Kerathoacanthoma	0	0.00	0.00	0.00	0.00	0.00
Baso-squamous cell papilloma	0	0.00	0.00	0.00	0.00	0.00

\*gross lesions examined only

### Hindleg

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Hindleg						
Numbers of rats examined	2					
Fibrosarcoma	1	50.00	50.00	0.00	50.00	50.00
Hemangiosarcoma	1	50.00	50.00	0.00	50.00	50.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Hindleg						
Numbers of rats examined	1275					
Fibrosarcoma	0	0.00	0.00	0.00	0.00	0.00
Hemangiosarcoma	0	0.00	0.00	0.00	0.00	0.00

### Diaphragm

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Diaphragm						
Numbers of rats examined	0					
Contact metastasis	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Diaphragm						
Numbers of rats examined	1324					
Contact metastasis	1	0.08	0.00	0.00	2.04	2.04

### Head, remaining

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Head, remaining						
Numbers of rats examined	100					

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Head, remaining						
Numbers of rats examined	1375					



### Larynx (longitudinal)

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Larynx						
Numbers of rats examined	412					

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Larynx						
Numbers of rats examined	1687					

### Nasopharyngeal Tissue

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Nasopharyngeal Tissue						
Numbers of rats examined	212					

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Nasopharyngeal Tissue						
Numbers of rats examined	1487					

### Pharynx

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Pharynx						
Numbers of rats examined	169					

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Pharynx						
Numbers of rats examined	1445					

### Auricles

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Auricles						
Numbers of rats examined	0					

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Auricles						
Numbers of rats examined	1275					

### Injection site

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Injection site						
Numbers of rats examined	119					
Sarcoma, NOS	7	5.88	5.88	0.00	5.88	5.88

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Injection site						
Numbers of rats examined	119					
Sarcoma, NOS	5	4.20	0.00	0.00	4.20	4.20