

Exhibit 4-13. Percent Distribution of Diagnosed Conditions by Gender among Veteran VHA Patients, FY13

Count	Female 382,546	Male 5,268,290	Total 5,650,836
	%	%	%
INFECTIOUS DISEASE^a			
HIV/AIDS	0.2	0.5	0.5
Tuberculosis	0.2	0.1	0.1
Mycoses	3.8	6.3	6.2
Infections - Other	4.2	3.5	3.5
ENDOCRINE/METABOLIC/NUTRITIONAL^b			
Diabetes Mellitus	11.2	24.7	23.8
Lipid Disorders	27.7	48.7	47.3
Overweight/Obesity	19.1	15.2	15.4
Thyroid Disorders	12.6	6.8	7.2
Osteoporosis	3.3	1.0	1.1
Vitamin D Deficiency	6.5	4.3	4.5
Fluid and Electrolyte Disorders	3.2	3.9	3.8
Endocrine, Metabolic and Nutritional Disorders - Other	8.5	11.8	11.6
CARDIOVASCULAR^c			
Hypertension	28.5	52.7	51.0
Chest Pain/Angina	5.2	4.8	4.9
Acute Myocardial Infarction	0.2	0.6	0.6
Coronary Artery Disease - Other	3.0	16.8	15.9
Heart Failure	1.7	5.0	4.8
Valvular Disease	1.7	2.8	2.7
Atrial Fibrillation/Flutter	1.3	5.6	5.3
Arrhythmia/Conduction Disorder - Other	3.8	5.5	5.4
Cardiac Conditions - Other	1.0	1.2	1.2
Cerebrovascular Accident/Transient Ischemic Attack	1.6	4.1	3.9
Cerebrovascular Disease - Other	1.0	2.2	2.1
Aortic Aneurysm	0.2	1.4	1.3
Pulmonary Embolism or Deep Vein Thrombosis	1.0	1.5	1.5
Vascular Disease - Other	2.6	5.9	5.6
Circulatory System Conditions - Other	2.9	3.8	3.7
RESPIRATORY^d			
Chronic Obstructive Pulmonary Disease	4.0	9.7	9.3
Asthma	7.4	3.0	3.3
Sarcoidosis	0.4	0.2	0.2
Pneumonia	1.0	1.7	1.6
Respiratory System Infections - Other	11.8	6.3	6.7
Allergic and Other Chronic Sinusitis/Rhinitis	12.9	7.4	7.8
Dyspnea, Cough and Other Respiratory Symptoms	6.6	6.4	6.4
Respiratory Conditions - Other	3.6	5.2	5.1

	Female 382,546	Male 5,268,290	Total 5,650,836
Count	%	%	%
GASTROINTESTINAL^e			
Esophageal Disorders	15.7	18.0	17.8
Nausea and Vomiting	2.5	1.1	1.2
Gastroduodenal Ulcer	0.6	0.9	0.9
Gastric/Duodenal Disorders - Other	2.3	1.9	1.9
Gastrointestinal Hemorrhage	1.5	1.8	1.8
Polyp, Colorectal	3.0	6.2	6.0
Diverticulosis and Diverticulitis	1.6	2.7	2.6
Inflammatory Bowel Disease	0.6	0.6	0.6
Diarrhea/Constipation and Functional Bowel Disorders	7.7	4.3	4.5
Hernia	1.6	2.8	2.7
Hemorrhoids	2.5	2.4	2.4
Hepatitis C	1.1	2.6	2.5
Liver Disease - Other	2.3	3.6	3.5
Biliary Tract Disease	1.0	0.8	0.8
Pancreatic Disorders	0.4	0.5	0.5
Gastrointestinal System Disorders - Other	5.8	4.8	4.8
URINARY^f			
Renal Failure or Nephropathy	2.2	7.3	7.0
Calculus of Urinary Tract	1.1	1.7	1.7
Hematuria	1.2	2.0	1.9
Kidney/Ureter Diseases - Other	0.7	1.6	1.5
Urinary Tract Infection (Cystitis/ Urethritis/ Pyelonephritis)	5.7	2.2	2.4
Urinary Incontinence	4.5	2.0	2.1
Urinary Symptoms - Other	2.0	2.2	2.2
Urinary Conditions - Other	1.8	2.8	2.7
REPRODUCTIVE HEALTH^g			
Male Genital Disorders		13.3	12.4
Sexually Transmitted Infections	1.9	0.6	0.7
Vaginitis and Other Pelvic Inflammatory Conditions	4.8		0.3
Cervical Dysplasia/Atypical Squamous Cells of Uncertain Significance (ASCUS)	2.1		0.1
Endometriosis	0.9		0.1
Menstrual disorders	6.2		0.4
Fibroids	2.0		0.1
Ovarian Cyst	1.2		0.1
Polycystic Ovaries	0.8		0.1
Benign Gynecologic Neoplasms - Other	0.7		<0.1
Prolapse of Female Genital Organs	0.7		0.1
Female Reproductive Organ Disorders - Other	7.8		0.7
Sexual Dysfunction	0.9	8.0	7.5

	Female 382,546	Male 5,268,290	Total 5,650,836
Count			
	%	%	%
Contraceptive Care Management ^h	6.7	0.1	0.6
Infertility	0.8	<0.1	0.1
Menopausal Disorders	7.1		0.5
Miscarriage	0.2		<0.1
Ectopic Pregnancy	0.1		<0.1
Pregnancy or Delivery - Normal	2.3		0.2
Pregnancy with Obstetrical Complications or Prolonged	1.8		0.1
Pregnancy Complicated by Diabetes Mellitus	0.2		<0.1
Pregnancy Complicated by Hypertension	0.2		<0.1
Pregnancy Complicated by Other Medical Conditions	0.8		0.1
BREASTⁱ			
Breast Conditions, Benign or Unknown	4.5	0.3	0.6
Breast Conditions, Abnormal Radiologic Findings	0.9	<0.1	0.1
CANCERⁱ			
Cancer - Cervical	0.3		<0.1
Cancer - Uterine	0.2		<0.1
Cancer - Ovarian	0.2		<0.1
Cancer - Female Reproductive - Other	0.1		<0.1
Carcinoma in Situ - Cervical	0.2		<0.1
Carcinoma in Situ - Female Reproductive - Other	<0.1		<0.1
Cancer - Breast	2.1	<0.1	0.2
Carcinoma in Situ - Breast, Ductal or Lobular	0.2	<0.1	<0.1
Lymphomas	0.2	0.5	0.5
Leukemias	0.1	0.4	0.4
Multiple Myeloma	<0.1	0.1	0.1
Cancer - Brain/Nervous System	0.1	0.1	0.1
Cancer - Head and Neck	0.1	0.6	0.6
Cancer - Thyroid	0.3	0.1	0.1
Cancer - Bronchopulmonary	0.3	0.8	0.8
Cancer - Esophagus	<0.1	0.1	0.1
Cancer - Gastric	<0.1	0.1	0.1
Cancer - Colorectal	0.4	1.0	0.9
Cancer - Anal	<0.1	<0.1	<0.1
Cancer - Hepatobiliary	<0.1	0.2	0.2
Cancer - Pancreatic	<0.1	0.1	0.1
Cancer - Renal	0.1	0.4	0.4
Cancer - Bladder	0.1	0.9	0.8
Cancer - Prostate		5.1	4.8
Cancer - Testicular		0.1	0.1
Cancer - Bone/Connective Tissue	0.1	0.1	0.1

	Female 382,546	Male 5,268,290	Total 5,650,836
Count			
	%	%	%
Melanoma	0.3	0.7	0.7
Carcinoma in Situ - Other	<0.1	0.1	0.1
Cancer - Other and Unspecified Primary	0.8	1.5	1.4
HEMATOLOGIC/IMMUNOLOGIC^k			
Anemia	7.4	7.3	7.3
Thrombocytopenia	0.5	1.2	1.2
Coagulation and Hemorrhagic Disorders	0.6	0.6	0.6
Hematologic/Immunologic Conditions - Other	1.8	2.3	2.2
MUSCULOSKELETAL^l			
Connective Tissue Disease	1.2	0.2	0.3
Rheumatoid Arthritis and Related Disease	1.2	0.8	0.8
Inflammatory Spondyloarthropathies	0.6	0.3	0.3
Polymyalgia Rheumatica	0.1	0.2	0.1
Vasculitis	0.1	0.1	0.1
Gout/Crystal Arthropathies	0.5	4.1	3.8
Spine Disorders - Cervical	8.8	5.2	5.4
Spine Disorders - Lumbosacral	21.8	17.5	17.8
Spine Disorders - Other/Unspecified	10.5	7.4	7.6
Joint Disorders - Upper Extremity	11.2	9.6	9.7
Joint Disorders - Lower Extremity	23.1	15.7	16.2
Joint Disorders - Unspecified or Multiple Joints	16.3	15.1	15.2
Foot Deformities	4.2	3.0	3.1
Fracture - Hip	0.1	0.2	0.2
Fracture - Other	2.5	1.9	2.0
Osteomyelitis/Infectious Arthritis	0.2	0.4	0.4
Amputation	0.2	0.7	0.7
Myasthenia Gravis/Myoneural Disorders	0.1	0.1	0.1
Myalgia/Myositis, Unspecified	5.6	1.1	1.4
Musculoskeletal Conditions - Other	13.2	7.6	8.0
NEUROLOGIC^m			
Multiple Sclerosis	0.8	0.2	0.3
Epilepsy/ Convulsions	1.5	1.6	1.6
Parkinson's Disease	0.2	0.9	0.8
Intracranial Hemorrhage	0.1	0.2	0.2
Traumatic Brain Injury	1.4	1.6	1.5
Dementia	1.0	2.8	2.6
Cognitive Disorders - Other	2.3	3.1	3.0
Spinal Cord Injury	0.2	0.4	0.4
Paralysis - Other	0.3	0.4	0.4
Headache	16.0	4.3	5.1

	Female 382,546	Male 5,268,290	Total 5,650,836
Count			
	%	%	%
Dizziness/Vertigo	3.1	2.6	2.7
Peripheral Nerve Disorders	4.1	4.9	4.8
Carpal Tunnel Syndrome	2.8	1.4	1.5
Nervous System Symptoms/Disorders - Other	6.0	6.0	6.0
MENTAL HEALTH/SUBSTANCE USE DISORDER			
Major Depressive Disorder	13.1	5.4	5.9
Depression, Possible - Other	26.2	15.2	16.0
PTSD	16.0	11.8	12.1
Acute Stress Disorders	0.7	0.2	0.2
Anxiety Disorders - Other	17.0	8.5	9.0
Adjustment Disorders	4.5	2.4	2.6
Bipolar Disorders	5.6	2.1	2.3
Schizophrenia	1.7	1.6	1.6
Psychotic Disorders - Other	1.1	1.0	1.0
Alcohol Use Disorders	4.6	7.3	7.1
Drug Use Disorders	3.8	4.4	4.4
Eating Disorders	0.5	<0.1	0.1
Dissociative Disorders	0.1	<0.1	<0.1
Personality Disorders	2.8	0.9	1.0
Conduct/Impulse Control Disorders	0.3	0.3	0.3
Somatoform Disorders	1.0	0.3	0.4
Attention Deficit Disorder/Hyperkinetic Disorder	1.6	0.7	0.7
Psychiatric Disorders - Nonspecific	2.1	1.7	1.7
SENSE ORGANS			
Blindness/Low Vision	1.2	1.9	1.9
Refraction Disorders	17.4	18.8	18.7
Glaucoma	4.8	8.0	7.8
Cataract	8.4	17.2	16.6
Eye Disorders - Other	14.7	16.7	16.6
Hearing Problems	6.4	18.4	17.6
Ear Disorders - Other	4.4	4.9	4.8
DENTAL			
Dental Caries	6.6	5.2	5.3
Gingivitis/Periodontitis	4.3	3.7	3.7
Loss of Teeth	2.7	2.7	2.7
Dental Disorders - Other	8.2	5.9	6.1
DERMATOLOGICⁿ			
Skin Cancer (Non-Melanoma)	0.9	2.9	2.8
Skin Ulcer - Chronic	0.5	1.4	1.3
Skin Infection	2.9	3.1	3.1

	Female 382,546	Male 5,268,290	Total 5,650,836
Count	%	%	%
Psoriasis	0.8	1.1	1.1
Dermatologic Disorders - Other	19.3	18.2	18.2
OTHER^o			
Sleep Apnea	5.7	8.8	8.6
Sleep Disturbance - Other	8.5	6.2	6.4
Malaise and Fatigue	2.5	1.8	1.8
Syncope	1.0	1.1	1.1
Abdominal Pain	6.9	3.1	3.4
Chronic Pain Syndromes	5.1	3.5	3.6
Allergies and Urticaria	3.4	1.4	1.5
Edema	2.2	2.6	2.6
Symptoms - Other	3.1	3.1	3.1
Tobacco Use Disorder ^p	13.8	14.8	14.7
Tobacco Use History ^p	1.5	2.0	2.0
Poisoning	0.4	0.3	0.3
Other Injuries and Conditions Due to External Causes	8.6	6.8	6.9
Effects of Surgical Procedures or Medical Care	1.6	1.6	1.6
Housing Insufficiency ^q	4.2	3.0	3.1
Psychosocial Factors - Other	8.9	6.2	6.3
Residual Codes	10.9	13.3	13.2

^a Infectious Disease domain conditions representing systemic infections (such as HIV disease) or infection of an unspecified organ system are listed in this Exhibit. Other infectious diseases secondarily mapping to the Infectious Disease domain (but listed under the organ system to which they primarily map) are: Pneumonia (Respiratory domain); Respiratory System Infections - Other (Respiratory domain); Hepatitis C (Gastrointestinal domain); Urinary Tract Infection (Cystitis/Urethritis/Pyelonephritis) (Urinary domain); Sexually Transmitted Infections (Reproductive Health domain); Vaginitis and Other Pelvic Inflammatory Conditions (Reproductive Health domain); Osteomyelitis/Infectious Arthritis (Musculoskeletal domain); Skin Infection (Dermatologic domain).

^b All Endocrine/Metabolic/Nutritional domain conditions are listed in this Exhibit, except for: Pregnancy Complicated by Diabetes Mellitus (listed under Reproductive Health, the domain to which it is primarily mapped), and Cancer – Thyroid (listed under Cancer, the domain to which it is primary mapped).

^c All Cardiovascular domain conditions are listed in this Exhibit, except for Pregnancy Complicated by Hypertension (listed under Reproductive Health, the domain to which it is primarily mapped).

^d All Respiratory domain conditions are listed in this Exhibit, except for Cancer – Bronchopulmonary (listed under Cancer, the domain to which it is primarily mapped).

^e All Gastrointestinal domain conditions are listed in this Exhibit, except for: Cancer – Esophagus; Cancer – Gastric; Cancer – Colorectal; Cancer – Anal; Cancer – Hepatobiliary; and Cancer – Pancreatic (all listed under Cancer, the domain to which they are primary mapped).

^f All Urinary domain conditions are listed in this Exhibit, except for: Cancer – Renal; and Cancer – Bladder, which are listed under Cancer, the domain to which they are primary mapped.

^g All Reproductive Health domain conditions are listed in this Exhibit, except for: Cancer – Cervical; Cancer – Uterine; Cancer – Ovarian; Cancer – Female Reproductive – Other; Carcinoma in Situ – Cervical; Carcinoma in Situ – Female Reproductive – Other; Cancer – Prostate; and Cancer – Testicular (all listed under Cancer, the domain to which they are primary mapped). A very small number of women were coded with men-only conditions and men coded with women-only conditions; this may be legitimate (in transgender patients), or may represent coding errors.

^h Contraceptive Care Management is treated as a “condition,” because it is such a common and important health issue for women. This is the only medical procedure that is treated as a condition in this report. This procedure is counted towards the frequencies listed here only if a clinician enters one of the ICD-9-CM diagnosis codes mapping to Contraceptive Care Management on an encounter form.

ⁱ All Breast domain conditions are listed in this Exhibit, except for: Cancer – Breast; and Carcinoma in Situ – Breast, Ductal or

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Lobular, which are listed under Cancer, the domain to which they are primary mapped.

^j Cancer rates do not necessarily represent new (incident) cancer cases. Carcinoma in Situ can be grouped in this report within the Cancer domain.

^k All Hematologic/Immunologic domain conditions are listed in this Exhibit, except for: Lymphomas; Leukemias; and Multiple Myeloma (all listed under Cancer, the domain to which they are primary mapped).

^l All Musculoskeletal domain conditions are listed in this Exhibit, except for Cancer – Bone/Connective Tissue (listed under Cancer, the domain to which it is primarily mapped).

^m All Neurologic domain conditions are listed in this Exhibit, except for Cerebrovascular Accident/Transient Ischemic Attack (listed under Cardiovascular, the domain to which it is primarily mapped), and Cancer – Brain/Nervous System (listed under Cancer, the domain to which it is primary mapped).

ⁿ All Dermatologic domain conditions are listed in this Exhibit, except for Melanoma (listed under Cancer, the domain to which it is primarily mapped).

^o The “Other” domain consists of symptoms, health risk factors, psychosocial factors, external factors, and residual conditions that do not fit within another major condition.

^p The rate of tobacco use may under-estimate true prevalence, as clinicians may not code this health risk behavior as a diagnosis on the clinical encounter form.

^q Housing Insufficiency frequencies should not be used to estimate the proportion of Veteran VHA patients who are homeless, since it detects only Veterans who received a diagnosis code for housing insufficiency as part of a medical encounter. Also see: Montgomery AE, Fargo JD, Byrne TH, Kane VR, Culhane DP. Universal screening for homelessness and risk for homelessness in the Veterans Health Administration. *Amer J of Pub Health.* 2013;103 Suppl 2:S210-S211.

Missing = 1,235

Denominator: All Veterans who used any VHA care in FY2013 (VHA outpatient care, inpatient care, pharmacy care, or Non-VA [Fee] Medical Care), referred to as “Veteran FY2013 VHA patients” (Data source: WHEI Master Database).

Source: VHA National Veteran Health Equity Report 2016