

Appendix A: Psychosis Diagnostic Groupings

Patients were identified using data obtained from the nationwide VA Patient Treatment File (PTF) and Outpatient Care Files (OPC) located at the Austin Automation Center in Austin, Texas. Patients were included provided they had at least one qualifying psychosis diagnosis in the FY01 inpatient or outpatient data. The chart below includes all qualifying ICD-9 diagnoses codes and their groupings. Group assignments were determined by ascertaining which diagnosis was recorded in the majority of instances of utilization.

schizophrenic disorders	affective psychoses	other diagnoses of psychosis
295.0 simple type	296.0 manic disorder, single episode	297.0 Paranoid state, simple
295.1 disorganized type	296.1 manic disorder, recurrent episode	297.1 paranoia
295.2 catatonic type	296.4 bipolar affective disorder, manic	297.2 paraphrenia
295.3 paranoid type	296.5 bipolar affective disorder, depressed	297.3 shared paranoid disorder
295.4 acute schizophrenic episode	296.6 bipolar affective disorder, mixed	297.8 other specified paranoid states
295.6 residual schizophrenia	296.7 bipolar affective disorder, unspecified	297.9 unspecified paranoid state
295.7 schizo-affective type	296.8 manic depressive psychosis, other and unspecified	298.0 depressive type psychosis
295.8 other specified types of schizophrenia		298.1 excitative type psychosis
295.9 unspecified schizophrenia		298.2 reactive confusion
		298.3 acute paranoid reaction
		298.4 psychogenic paranoid psychosis
		298.8 other and unspecified reactive psychosis
		298.9 unspecified psychosis

Appendix B: Cost

The Allocation Resource Center (ARC) in Braintree, Massachusetts, provided cost data for each patient by facility and cost center. The ARC database is an integrated, costed, clinical database for all veterans receiving care in a given fiscal year. ARC's basic approach is that patient costs = (patient workload) x (unit costs). Patient workload is estimated from a broad set of data resources. The ARC data sources include the Patient Treatment File, the Patient Assessment File, the Immunology Case Registry, the Fee Basis File, Home Dialysis, the Outpatient Care File, Outpatient Pharmacy data, HCFA, and the Cost Distribution Report. The ARC estimates each patient's portion of the total resource utilization and applies that proportion to unit costs, which are based on Decision Support System (DSS) data. ARC cost estimates encompass direct and indirect costs, excluding capital expenses. Note that in FY99 and FY00 the ARC derived costs from Cost Distribution Report data (CDR). This report presents ARC cost estimates for FY01 derived from DSS costs data.

A patient's total costs are assigned to the station at which they had the most utilization. We aggregate service location costs into 15 groups, as follows:

ARC FY01 Cost Data:

Group 1: Medicine

- Blind Rehab
- Epilepsy Center
- Medicine
- Medical GEM
- Medical ICU
- Neurology
- Neurology GEM
- Rehabilitation
- Rehabilitation GEM
- Spinal Cord Injury

Group 2: Surgery

- Operating Room Procedures
- Surgical ICU
- Surgery
- Transplant Team Costs

Group 3: Psychiatry

- Eval/Brief Trmt PTSD
- Psychiatry
- Psychiatry GEM
- Psy General Intermediate
- Psy Subst Intermed
- Spec Inpt PTSD Unit
- Sustained Trmt and Rehab
- Substance Abuse STAR
- Substance Abuse

Group 4: PR RTP

- Psych Resid Rehab Trmt
- PTSD Resid Rehab Trmt
- Homeless Chron Ment Ill
- Substance Abuse CWT
- Subst Abuse Resid Rehab Trmt

Group 5: Non-VA

Non V.A. Medicine
Non V.A. Psychiatry
Non V.A. Surgery

Group 6: LTC: Domiciliary

Domiciliary
Domiciliary Substance Abuse
Domiciliary PTSD
Domiciliary GEM

Group 7: LTC: Intermediate Care

Intermediate Care
Intermediate GEM

Group 8: LTC: Nursing Home

Nursing Home GEM
Nursing Home Care

Group 9: Contract Nursing Home

Non V.A. Nursing Home

Group 10: Outpatient Care -- Med/Surg

Cancer Treatment
Outpatient Admit/Screen
Outpatient Ambulatory Surgery
Outpatient Dialysis
Outpatient Medicine
Outpatient Surgery
Primary Care Surgery

Group 11: Outpatient Care -- Psych

Homeless Mentally Ill
Outpatient Gen Psych
Outpatient PTSD
Outpatient Spc Psych
Outpatient Substance Abuse
Outpatient Substance Disorder
Primary Care Psych
Psychosocial Group

Group 12: Outpatient Care -- Home Based Treatment

Home Based Dialysis
Home Based Primary Care
Outpatient Residential
Primary Care Medicine
SCI Home Care
Sustained Trmt and Rehab

Group 13: Outpatient Care -- Support

Ambulatory Care
DOM After Care - VA

Outpatient ADHC
Outpatient Ancillary
Outpatient Dentistry
Outpatient Diagnostic
Outpatient Prosthetics
Outpatient Rehab
Telephone Contact

Group 14: Outpatient Care -- Fee
Non V.A. Ambulatory Care

Group 15: Outpatient Care -- Pharmacy
Outpatient Pharmacy

Appendix C: Utilization Data

All utilization data was obtained from the nationwide VA Patient Treatment File (PTF) and Outpatient Care Files (OPC) located at the Austin Automation Center in Austin, Texas.

1. hospital based utilization, (based on the patient's bed section at discharge)
 - a. psych and non-psych- reported for those with some hospital based utilization
 - i. non-psych- reported for those with some hospital based utilization
 - ii. psych- reported for those with some hospital based utilization includes:
 - SA/CWT
 - Gem Psychiatry
 - PTSD CWT
 - General CWT/TR
 - Acute psych
 - Long term psych
 - Alc dep, high int
 - Drug dep, high int
 - SA, high int
 - Spec IP PTSD unit
 - Psych SA, inter care
 - STAR
 - SA STAR
 - Eval/brief tx, PTSD
 - Psych-general intermed
 - High inten gen psych
 - Psych observation
 - b. res rehab- reported for those with some res rehab, includes:
 - Psych Res Rehab Treatment
 - PTSD Res Rehab Treatment
 - Sub Abuse Res Rehab Treatment
 - c. dom and voc- reported for those with some dom or voc, includes:
 - HCMC CWT/TR
 - SA CWT/TR
 - Domiciliary
 - Dom Substance Abuse
 - Dom PTSD
 - Gem Dom
 - d. nursing home- reported for those with some nursing home, includes:
 - Nursing Home Care
 - Gem NHCU
 - Respite Care
3. outpatient care- all variables reported for those with some outpatient care
 - e. annual clinic stops
 - i. non-psych clinic stops
 - ii. psych clinic stops
 1. general psych clinic stops, includes:
 - Bereavement Counseling
 - Mental Health Clinic (Individual)
 - Mental Health Care Residential (Individual)
 - Psychiatry MD (Individual)
 - Psychology (Individual)
 - Psychiatry Consultation
 - Long-term Enhancement
 - Long-term Enhancement (Group)

- Active Duty Sexual Trauma
- Women's Stress Disorder Treatment Teams
- Telephone General Psychiatry
- Telephone Homeless Mentally Ill
- Telephone HUD-VASH
- Mental Health Primary Care Team (Individual)
- Psychosocial Rehabilitation (Individual)
- Telephone Mental Health Vocational
- Telephone Psychosocial Rehabilitation
- Mental Health Clinic (Group)
- Psychiatry Group
- Psychology (Group)
- Psychosocial Rehabilitation (Group)
- Mental Health Primary Care Team (Group)
- Psychogeriatric Clinic (Individual)
- Psychogeriatric Clinic (Group)
- Telephone Psychogeriatrics
- Non-Active Duty Sexual Trauma
- 2. psych case management clinic stops, includes:
 - Telephone/MHICM
 - IPCC Community Visit
 - Intensive Community Case Management (ICCM)
- 3. psych day treatment clinic stops, includes:
 - Day Treatment (Individual)
 - Day Hospital (Individual)
 - Day Treatment (Group)
 - Day Hospital (Group)
- 4. substance abuse clinic stops, includes:
 - Substance Abuse (Individual)
 - Substance Abuse Home Visit
 - Opioid Substitute
 - Telephone Substance Abuse
 - Intensive Substance Abuse Treatment
 - Substance Abuse (Group)
- 5. psych vocational clinic stops, includes:
 - Mental Health Vocational Assistance (Individual)
 - Mental Health Incentive Therapy (Group)
 - Mental Health Compensated Work Therapy (CWT) (Group)
 - Mental Health Vocational Assistance (Group)
- 6. PTSD clinic stops, includes:
 - PTSD (Individual)
 - Substance Use Disorder/PTSD Teams
 - Post Traumatic Stress Disorder (PTSD)
 - Telephone PTSD
 - PCT-PTSD (Group)
 - PTSD (Group)
 - PTSD Day Hospital
 - PTSD Day Treatment
- 7. psych homeless clinic stops, includes:
 - (HUD) – (VASH)
 - Health Care for Homeless veterans (HCHV)/HMI
 - Community Outreach to Homeless Vets by Staff other than HCHV
 - Domiciliary Care for Homeless Veterans (DCHV) programs

Appendix D: ARC VERA 10 Price Groups (from website below)

From: http://vaww.arc.med.va.gov/reports/vera/VERA2003/FY03_PtClasses_to_VERA10_PriceGrps.htm

ASSIGNMENT OF VERA PATIENT CLASSES TO VERA 10 PRICE GROUPS	
VERA Price Groups - Basic	VERA Patient Classes
1 Non-reliant Care	Compensation and Pension Exams
	Employee/Collateral
	Pharmacy
	Non-vested
2 Basic Medical	Ear, Nose, and Throat
	Other Acute Disease
	Endocrine, Nutritional, Metabolic Disorders
	Central Nervous System
	Musculoskeletal Disorders
3 Mental Health	Acute Mental Disease
	Addictive Disorders
4 Heart/Lung/GI	Cardiovascular Disease
	Gastroenterology Disorders
	Pulmonary Disease
5 Oncology/Infectious Disease	Hep C w/o drug therapy
	HIV w/o drug therapy
	Oncology
6 Multiple Medical	Medical + Psych + Sub Abuse
	Psych + Substance Abuse
	Multiple Medical
	PTSD Acute
VERA Price Groups - Complex	VERA Patient Classes
7 Specialized Care	Hep C with drug therapy
	HIV with drug therapy
	PTSD Chronic
	Home Based Primary Care
	Traumatic Brain Injury
8 Support Care	Stroke
	SCI Para - Old Injury
	Domiciliary
	SCI Quad - Old Injury
	Blind Rehab
	Community Nursing Home
	Low ADL
9 Chronic Mental	Mental Health Intensive Care Mgmt
	Other Psychosis
	Substance Abuse
	Schizophrenia and Dementia

10	Critically Ill	SCI Para - New Injury
		Behavioral
		Clinical Complex
		End Stage Renal Disease
		Physical
		SCI Quad - New Injury
		Rehabilitation
		Specialized Care
		Transplants
		Ventilator