APPENDIX 4D

ILLUSTRATIVE PARTICIPANT CHARACTERISTICS REPORT

This appendix presents an illustrative Participant Characteristics Report for a hypothetical PACE site, with accompanying documentation. Similar reports were sent to all SYFT PACE sites that had at least five participants with complete COCOA-B clinical data submitted to the Research Center during the SYFT. These reports can be used to compare and assess similarities and differences between a specific site's participant characteristics and those of the participants at the other PACE sites.

Illustrative Participant Characteristics Report for a Hypothetical PACE Site.

Participant Characteristics Report

	Your Site	Other Sites		Your Site	Other Sites
Demographics			**Falls**		
Age (average in years)	78.38	78.11	Fall Resulting in Injury (%)	10.7%	10.0%
Gender: Female (%)	72.6%	73.7%			
Marital Status: Married (%)	17.9%	17.4%	**Sensory Status**		
Race/Ethnicity: Asian (%)	2.0%	6.2% *	Vision Impairment (0-2, scale avg.)	0.41	0.48
Race/Ethnicity: Black or African American (%)	45.9%	32.2% **	Hearing Impairment (0-2, scale avg.)	0.26	0.31
Race/Ethnicity: Hispanic or Latino (%)	7.7%	5.5%	Language Comprehension Impairment (0-2, scale avg.)	0.75	0.78
Race/Ethnicity: Non-Hispanic White (%)	42.1%	55.2% **	Language Expression Impairment (0-2, scale avg.)	0.71	0.77
Length of Enrollment			**Current Diagnoses**		
< 1 Year (%)	32.5%	38.6%	Infections/parasitic diseases (%)	2.4%	5.6%
1-3 Years (%)	30.6%	31.0%	Neoplasms (%)	3.3%	5.1%
3-5 Years (%)	13.4%	15.7%	Endocrine/nutrit./metabolic (%)	57.9%	59.6%
> 5 Years (%)	23.4%	14.7% **	Blood diseases (%)	13.9%	13.2%
			Mental diseases (%)	50.7%	57.5%
Current Living Situation			Nervous system diseases (%)	56.9%	53.2%
Lives Alone (%)	38.5%	30.7% *	Circulatory system diseases (%)	78.0%	85.8% **
Home With Others (%)	42.0%	42.2%	Respiratory system diseases (%)	16.7%	21.5%
Group Living Situation (%)	13.6%	16.9%	Digestive system diseases (%)	38.3%	45.7%
Nursing Home (%)	2.9%	2.4%	Genitourinary system diseases (%)	23.0%	20.8%
			Skin/subcutaneous diseases (%)	4.8%	9.3% *
Assisting Persons			Musculoskeletal system diseases (%)	55.0%	61.6%
Residing in Home (%)	29.2%	34.3%	Ill-defined conditions (%)	33.0%	37.7%
Residing Outside Home (%)	49.5%	47.8%	Fractures (%)	2.4%	1.6%
Paid Help (%)	4.4%	4.9%	Other injury (%)	2.4%	1.6%
Frequency of Assistance (0-5, scale avg.)	2.59	2.63	Iatrogenic conditions (%)	0.5%	0.6%
Type of Informal Caregiver Assistance			**ADL Disabilities**		
ADL/IADL (%)	56.5%	61.4%	Grooming (0-3, scale avg.)	0.89	0.93
Environmental Support (%)	71.5%	68.7%	Upper Body Dressing (0-3, scale avg.)	0.83	0.81
Participant Advocacy (%)	61.2%	56.8%	Lower Body Dressing (0-3, scale avg.)	1.00	0.94
			Bathing (0-5, scale avg.)	2.23	2.19
Advanced Directive			Toileting (0-5, scale avg.)	1.34	1.23
Signed Living Will (%)	76.9%	72.2%	Transferring (0-5, scale avg.)	1.00	0.95
			Ambulation (0-5, scale avg.)	1.28	1.17
Prognoses			Eating (0-5, scale avg.)	0.49	0.38 **
Overall Prognosis (0-2, scale avg.)	1.02	1.00	Dependence in Personal Care (%)	27.8%	24.9%
Functional Rehab Prognosis (0-2, scale avg.)	1.02	1.06	Impaired Ambulation/Mobility (%)	24.4%	23.0%
Respiratory Status			**IADL Disabilities**		
Dyspnea (0-4, scale avg.)	0.67	0.74	Light Meal Preparation (0-2, scale avg.)	1.10	1.15
			Transportation (0-2, scale avg.)	1.00	0.95 *
Edema			Laundry (0-2, scale avg.)	1.56	1.55
Legs/Feet (%)	35.8%	32.5%	Housekeeping (0-4, scale avg.)	2.87	2.71
			Shopping (0-3, scale avg.)	1.95	2.05
Immunizations			Phone Use (0-5, scale avg.)	1.25	1.41
Flu Immunization (%)	88.1%	84.5%	Management of Oral Meds (0-2, scale avg.)	1.12	1.26 *
			Dependence in Living Skills (%)	64.1%	62.3%
Elimination Status			**Neuro/Emotional/Behavioral Status**		
UTI Within Past 14 Days (%)	2.0%	2.4%	Moderate Cognitive Disability (%)	24.3%	25.5%
Urinary Incontinence (%)	56.6%	54.4%	Severe Anxiety Level (%)	13.8%	18.4%
Incontinent Day and Night (%)	40.7%	36.4%	Depressive Symptoms Occurring > Monthly (0-10, scale avg.)	1.65	2.06 *
Urinary Catheter (%)	1.0%	1.0%	Behavioral Problems > Monthly (%)	25.6%	22.6%
Bowel Incontinence (0-5, scale avg.)	0.51	0.53	Wandering (%)	0.5%	1.9%
Pain			**Adherence to Treatment**		
Severity of Pain (0-10, scale avg.)	2.42	2.33	Poor Adherence to Medications (%)	1.0%	1.5%
Pain Interfering with Activity (0-4, scale avg.)	0.90	0.83	Poor Adherence to Therapy/Interventions (%)	3.2%	5.9%
Intractable Pain (%)	9.4%	5.5%			
			Nutritional Risk		
			Nutritional Risk (%)	16.3%	22.8% *

* The probability is 5% or less that this difference is due to chance, and 95% or more that this difference is real.
* * The probability is 1% or less that this difference is due to chance, and 99% or more that this difference is real.

A Project to Develop an Outcome-Based Continuous Quality Improvement System and Core Outcome and Comprehensive Assessment Data Set for PACE

Systematic Field Test

Basic Information Regarding Your Participant Characteristics Report

Enclosed is your site's Participant Characteristics Report, which can be used to compare and assess similarities and differences between your site's participant characteristics and those of the participants at the other PACE sites involved in the systematic field test (SYFT).

This report includes more than 50 different participant characteristic measures and reflects your site's profile for all participants with complete COCOA-B clinical data encoded at the Research Center during the SYFT. In addition to your site's profile, the report shows the profile for all participants with complete COCOA-B clinical data from the other PACE sites participating in the SYFT. Please examine your report carefully. If you feel that the participant characteristic measures presented in your report are not representative of your participant population, review the enclosed Data Submission and Data Quality Report to determine factors that may bias your site's report (e.g., data were only submitted from one center, only a small proportion of participants are included in the report due to incomplete COCOA-B clinical item sets).

An understanding of the following basic terminology will facilitate the interpretation of the reports.

A **complete COCOA-B clinical item set** consists of all COCOA-B clinical forms (e.g., Primary Care Provider Form, Nursing Form, Social Work Form, Rehabilitative Therapy Form) required to assess a participant at a single point in time. Only those participants with complete COCOA-B clinical item sets (based on your site's form integration protocols) were included in the report. If a participant had more than one complete set of COCOA-B clinical data, the first set of data was included in the report.

A **set of reference data** (presented under the column labeled *Other Sites*) is provided to facilitate comparison of your site to all other PACE sites participating in the SYFT. The reference data consist of all participants from the other PACE SYFT sites for whom we had a complete COCOA-B clinical item set encoded at the Research Center. The number of reference cases is located in the upper left-hand corner of the report and is labeled, *Number of Participants (Other Sites).* It is important to note that the reference group does not represent **all** "other" PACE participants (or all other PACE sites) but rather is a sample that includes only participants with complete COCOA-B clinical item sets from the other PACE SYFT sites.

Statistical significance should be used by sites when comparing their own participant characteristics values to those of the other PACE SYFT sites, and it can be understood as the probability that a difference between two rates or averages is due to chance. If the statistical significance value is greater than .05, then we consider it likely that the difference is due to chance and therefore is not a real or true difference. On the reports, a single asterisk (*) corresponds to the .05 level (95% or more probability that the difference is real) and double asterisks (**) correspond to the .01 level (99% or more probability that the difference is real). You may find that some participant characteristic measures do not show a statistically significant difference (i.e., they are not marked by * or **) from the reference group. Do not investigate these measures further. If, however, you find a number of participant characteristic measures that are statistically significant compared to the reference group, you should focus your attention on these measures because they represent real differences between your site and the other PACE SYFT sites.