



FEI Systems

Connecting Every Dimension of
Health and Human Services

FASAMS Requirements Document

0012_ME Outcome Measure Targets WI 8366

Created by: Jesse Lindsey

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GENERAL

VERSION CONTROL

Date	Version	Author(s)	Brief Description of Change
08/10/2018	1.0	Kedra Baumgardner	Initial creation of document.
4/4/2019	1.1	Jesse Lindsey	Update to document after JAD
4/15/2019	1.2	Jesse Lindsey	Updating and finalizing document
4/16/2019	1.3	Yiwen Ma	FEi Internal Review
4/22/2019	1.4	Jesse Lindsey	Final Estimate added
4/22/2019	1.5	Jesse Lindsey	Final Estimate added with Contract Compliance reports to be updated
5/21/2019	1.6	Jesse Lindsey	Respond to DCF questions via track changes
5/28/2019	1.7	Jesse Lindsey	Added hours for adding of filters to Contract Compliance reports

STAKEHOLDERS

Role	Name
FEI Business Analyst	Jesse Lindsey
FEI Account Manager	Kory Schnoor
DCF SAMH Project Director	Nathan McPherson
DCF SAMH Project Sponsor	Sen-Yoni Musingo / Adam L. Wasserman
DCF Business Analyst	Tammy Davis

SCOPE

INITIAL REQUEST & ASSUMPTIONS

Business Statement

During implementation of FASAMS, it was determined that the outcome measure targets for the Managing Entities could not be obtained from the IDS or CARS systems. The data was stored as text and not as individual data elements that could be obtained via an interface. The targets are needed in order to provide reporting on ME performance.

Scope Definition

The scope of this enhancement is to allow submitting entities to submit an XML data set that will include the target outcome and output measures for the submitting entity's current contract.

Assumptions, Constraints, Dependencies

- This enhancement does not include new validation rules for Subcontract based on targets submitted in the Contract XML

EXISTING FUNCTIONALITY

FASAMS currently interfaces with IDS to populate the Contract module with submitting entity contract data. The interface is unable to pull in Target Outcome Measure because of the way they are stored in IDS, so Target Outcome Measures are not populated in FASAMS.

PROPOSED FUNCTIONALITY

FASAMS will accept a new dataset for Contract outcome targets that closely replicates the Subcontract dataset. The dataset will use many of the same rules and key fields as Subcontract dataset with those removed that do not apply.

The Contract Compliance reports will be updated to include the Contract targets if they have been submitted by the MEs. Contract targets will be omitted on report if the target is not included in subcontract between ME and provider.

INITIAL ESTIMATE/ QUOTE HISTORY

Phase/ Quote Date	Item(s)	Description	Estimate/ Quote
2/20/2019	8366	Initial Estimate	180-375
4/22/2019	8366	Final Estimate	Development: 48 Testing: 40 Analysis: 30 Acct/Project Management: 12 Total: 130
4/29/2019	8366	Final Estimate after report updates are added to enhancement requirements	Development: 96 Testing: 60 Analysis: 40 Acct/Project Management: 18 Total: 214
5/28/2019	8366	Final Estimate updated after request to update all Contract Compliance reports with two new checkboxes	Development: 116 Testing: 108 Analysis: 40 Acct/Project Management: 18 Total: 282

REQUIREMENTS

1. NEW DATA SET: CONTRACTDATASET

Req. ID	Requirement	Dev	QA
1.0	Naming Convention		
1.1	<p>The data set name to be used for naming the Contract file is ContractDataSet.</p> <p>When submitting files to FASAMS, files must adhere to the below 3 requirements:</p> <ol style="list-style-type: none"> 1) The name of the data set must be the first word in the file, followed by an underscore. 2) The filename must be unique in the submitters set of currently uploaded and unprocessed files. 3) The file must end with “.xml”. <p>In order to satisfy requirement #2 above, it is suggested to append the date and time to each file after the underscore, using the YYYYMMDDHHMMSS format.</p> <p>Some example acceptable filenames would be:</p> <ul style="list-style-type: none"> • ContractDataSet_20180215083045.xml • ContractDataSet_20180222091530.xml <p>Any file that does not meet this requirement will not be processed into FASAMS.</p>	<input type="checkbox"/>	<input type="checkbox"/>

Req. ID	Requirement	Dev	QA
2.0	Contract Target entity	<input type="checkbox"/>	<input type="checkbox"/>
2.1	This entity should have these key fields: <ul style="list-style-type: none"> ContractNumber (Req. 2.2.1) AmendmentNumber (Req. 2.2.3) 		
2.2	This entity should have the following fields:		
2.2.1	ContractNumber <ul style="list-style-type: none"> Value type: string Required Must match a single contract number already set up in FASAMS 	<input type="checkbox"/>	<input type="checkbox"/>
2.2.2	TypeCode <ul style="list-style-type: none"> Value type: string Required Must be one of the following values: <ul style="list-style-type: none"> 1 for Initial – current contract 2 for Amendment There must always be exactly one Contract with TypeCode 1 (Initial) for a particular ContractNumber. 	<input type="checkbox"/>	<input type="checkbox"/>
2.2.3	AmendmentNumber <ul style="list-style-type: none"> Value type: string Required if the TypeCode is 2 (Amendment). Must not be provided if the TypeCode is 1 (Initial). Must be 50 characters or less. 	<input type="checkbox"/>	<input type="checkbox"/>
2.2.4	AmendmentDate <ul style="list-style-type: none"> Value type: date Required if the TypeCode is 2 (Amendment). Must not be provided if the TypeCode is 1 (Initial). Must be within the BeginDate and AmendedEndDate of the ContractModule.Contract Must be in a valid date format 	<input type="checkbox"/>	<input type="checkbox"/>
3.0	ContractOutputMeasure (conditionally required) entity	<input type="checkbox"/>	<input type="checkbox"/>
3.1	This entity should be submitted as a subentity of Contract (Req. 2.0). Each Contract entity can have one or multiple ContractOuputMeasures.	<input type="checkbox"/>	<input type="checkbox"/>
3.2	This entity should have these key fields: <ul style="list-style-type: none"> ProgramAreaCode (Req. 3.3.1) ServiceCategoryCode (Req. 3.3.2) 	<input type="checkbox"/>	<input type="checkbox"/>
3.3	Each Contract Target record must have ContractOutputMeasure for each valid ProgramAreaCode and ServiceCategoryCode combination. <ul style="list-style-type: none"> This should be implemented as a warning message; This warning will occur when the a ContractDataSet is submitted and a Contract Target entity included in the data set does not have a full list of ContractOutputMeasures that include each valid ProgramAreaCode and ServiceCategoryCode combination after the submission has been processed into the database (See Req. 3.4.2). 	<input type="checkbox"/>	<input type="checkbox"/>
3.4	This entity should have the following fields:		
3.4.1	ProgramAreaCode <ul style="list-style-type: none"> Value type: string Required Must be one of the following values: <ul style="list-style-type: none"> 1 for Adult Mental Health 2 for Adult Substance Abuse 3 for Child Mental Health 	<input type="checkbox"/>	<input type="checkbox"/>

Req. ID	Requirement	Dev	QA
	<ul style="list-style-type: none"> ○ 4 for Child Substance Abuse 		
3.4.2	ServiceCategoryCode <ul style="list-style-type: none"> • Value type: string • Required • Must be a valid Service Category Code value for the Program Area Code. Valid values are listed in the Service Category section in Appendix 5 Data Code Values. 	<input type="checkbox"/>	<input type="checkbox"/>
3.4.3	TargetPersonsServedCount <ul style="list-style-type: none"> • Value type: integer • Required • Must be a valid integer greater than or equal to zero 	<input type="checkbox"/>	<input type="checkbox"/>
4.0	ContractOutcomeMeasure (conditionally required) entity	<input type="checkbox"/>	<input type="checkbox"/>
4.1	This entity should be submitted as a subentity of Contract (Req. 2.0). Each Contract entity can have one or multiple ContractOutcomeMeasure.	<input type="checkbox"/>	<input type="checkbox"/>
4.2	This entity should have these key fields: <ul style="list-style-type: none"> • ProgramAreaCode (Req. 4.3.1) • OutcomeMeasureCode (Req. 4.3.2) 	<input type="checkbox"/>	<input type="checkbox"/>
4.3	Each Contract Target record must have ContractOutcomeMeasure for each valid ProgramAreaCode and OutcomeMeasureCode combination. <ul style="list-style-type: none"> • This should be implemented as a warning message; • This warning will occur when the a ContractDataSet is submitted and a Contract Target entity included in the data set does not have a full list of ContractOutcomeMeasures that include each valid ProgramAreaCode and ServiceCategoryCode combination after the submission has been processed into the database (See Req. 4.4.2). 	<input type="checkbox"/>	<input type="checkbox"/>
4.4	This entity should have the following fields:		
4.4.1	ProgramAreaCode <ul style="list-style-type: none"> • Value type: string • Required • Must be one of the following values: <ul style="list-style-type: none"> ○ 1 for Adult Mental Health ○ 2 for Adult Substance Abuse ○ 3 for Child Mental Health ○ 4 for Child Substance Abuse 	<input type="checkbox"/>	<input type="checkbox"/>
4.4.2	OutcomeMeasureCode <ul style="list-style-type: none"> • Value type: string • Required • Must be a valid Outcome Measure Code for the Program Area Code. Valid values are listed in the Outcome Measure section in Appendix 5 Data Code Values. 	<input type="checkbox"/>	<input type="checkbox"/>
4.4.3	TargetValue <ul style="list-style-type: none"> • Value type: decimal • Required • Must be valid decimal number greater than or equal to 0 • Cannot contain more than two digits to the right of the decimal place 	<input type="checkbox"/>	<input type="checkbox"/>
5.0	Updates to Contract Compliance reports		
5.1	Add Contract Targets to following reports <ul style="list-style-type: none"> • 		

2. UPDATE CONTRACT COMPLIANCE REPORTS

Service Category		7/1/16 - 7/31/16	7/1/16 - 8/31/16	
Adult Mental Health	[-] Crisis Care		6,174	18,438
	[-] BIG BEND COMMUNITY BASED CARE - AHME1 Target: 16,000		882	2,634
		<i>Provider Subcontract Target</i>		
		[-] Apalachee Center 1001 5,000	345	678
		<i>OCA Covered Service</i>		
		MH000 01 - Assessment	8	14
		MH000 02 - Case Management	6	11
		MH010 01 - Assessment	11	15
		MH010 02 - Case Management	9	12
	
		[+] Baptist Hospital 1002 3,000	187	645
		[+] Baptist Hospital 1003 3,000	98	278
		[+] Chemical Addictions 1004 5,000 Recovery Effort, Inc	368	1,345
		[+] BROWARD BEHAVIORAL HEALTH COALI - JH343 Target: 20,000	578	1,245

Req. ID	Requirement	Ref	Dev	QA
4.1	<p>Update Report: Output Measure – Cumulative</p> <p>On the Contract-level rows, display the Contract’s target value of the currently expanded output measure.</p> <ul style="list-style-type: none"> Format: “Target: <ContractModule.ContractOutputMeasure.TargetPersonsServedCount>” The target value should be pulled from the ContractModule.ContractOutputMeasure.TargetPersonsServedCount the current Contract, Program Area and Service Category; The report should display the Contract’s latest effective target value within the selected Fiscal Year (report parameter), which means <ul style="list-style-type: none"> Fiscal Year Start Date <= the ContractOutputMeasure’s associated AmendmentDate < Fiscal Year End Date; AND the ContractOuputMeasure’s associated AmendmentDate is the latest among all ContractOutputMeasures with the same ContractNumber, ProgramAreaCode, ServiceCategoryCode and with AmendmentDate from the selected Fiscal Year. 	A	<input type="checkbox"/>	<input type="checkbox"/>
4.2	<p>Update Report: Output Measure – Monthly</p> <p>On the Contract-level rows, display the Contract’s target value of the currently expanded output measure, in the same place as in the Cumulative report (Req. 4.1).</p> <ul style="list-style-type: none"> Format: “Target: <ContractModule.ContractOutputMeasure.TargetPersonsServedCount>” The target value should be pulled from the ContractModule.ContractOutputMeasure.TargetPersonsServedCount the current Contract, Program Area and Service Category, and divided by 12; The report should display the Contract’s latest effective target value within the selected Fiscal Year (report parameter), which means <ul style="list-style-type: none"> Fiscal Year Start Date <= the ContractOutputMeasure’s associated AmendmentDate < Fiscal Year End Date; AND The ContractOuputMeasure’s associated AmendmentDate is the latest among all ContractOutputMeasures with the same ContractNumber, 		<input type="checkbox"/>	<input type="checkbox"/>

Req. ID	Requirement	Ref	Dev	QA
	ProgramAreaCode, ServiceCategoryCode and with AmendmentDate from the selected Fiscal Year.			

Outcome Measures				7/1/16 - 7/31/16	7/1/16 - 8/31/16
Mental Health	[-] MH003 Average annual days worked for pay for adults with severe and persistent mental illness			59.56	
	[+] BIG BEND COMMUNITY BASED CARE - AHME1 Target: 100			61.54	
		Provider	Subcontract	Target	
		Apalachee Center	1001	100	60.30
		Baptist Hospital	1002	100	91.45
		Baptist Hospital	1003	100	54.15
		Chemical Addictions Recovery Effort, Inc	1004	100	45.12
	[+] BROWARD BEHAVIORAL HEALTH COALI - JH343 Target: 110			54.33	
	[+] CENTRAL FLORIDA BEHAVIORAL HEAL - QD1A9 Target: 110			63.44	
	[+] MH703 Percent of adults with serious mental illness who are				

Req. ID	Requirement	Ref	Dev	QA
4.3	<p>Update Report: Outcome Measure – Cumulative, Outcome Measure Table</p> <p>On the Contract-level rows, display the Contract’s target value of the currently expanded outcome measure.</p> <ul style="list-style-type: none"> Format: “Target: <ContractModule.ContractOutcomeMeasure.TargetValue>” The target value should be pulled from the ContractModule.ContractOutcomeMeasure.TargetValue the current Contract and Outcome Measure; The report should display the Contract’s latest effective target value within the selected Fiscal Year (report parameter), which means <ul style="list-style-type: none"> Fiscal Year Start Date <= the ContractOutcomeMeasure’s associated AmendmentDate < Fiscal Year End Date; AND the ContractOutcomeMeasure’s associated AmendmentDate is the latest among all ContractOutcomeMeasures with the same ContractNumber, ProgramAreaCode, OutcomeMeasureCode and with AmendmentDate from the selected Fiscal Year. 	B	<input type="checkbox"/>	<input type="checkbox"/>
4.4	<p>Update Report: Outcome Measure – Monthly</p> <p>On the Contract-level rows, display the Contract’s target value of the currently expanded outcome measure, in the same place as in the Cumulative report (Req. 4.3).</p> <ul style="list-style-type: none"> Format: “Target: <ContractModule.ContractOutcomeMeasure.TargetValue>” The target value should be pulled from the ContractModule.ContractOutcomeMeasure.TargetValue the current Contract and Outcome Measure The report should display the Contract’s latest effective target value within the selected Fiscal Year (report parameter), which means <ul style="list-style-type: none"> Fiscal Year Start Date <= the ContractOutcomeMeasure’s associated AmendmentDate < Fiscal Year End Date; AND The ContractOutcomeMeasure’s associated AmendmentDate is the latest among all ContractOutcomeMeasures with the same ContractNumber, ProgramAreaCode, OutcomeMeasureCode and with AmendmentDate from the selected Fiscal Year. 		<input type="checkbox"/>	<input type="checkbox"/>

5.0	Add two checkboxes to All Contract Compliance reports <ul style="list-style-type: none"> • Output Measures – Cumulative • Output Measures – Monthly • Outcome Measures – Cumulative Performance • Outcome Measures – Cumulative Data Set Size • Outcome Measures – Monthly Performance • Outcome Measures – Monthly Data Set Size 			
5.1	“Show Contracted Entities with Targets Only” Checkbox			
5.1.1	Checkbox options: <ul style="list-style-type: none"> • Checked -- Show Contracted Entities with Targets Only • Unchecked -- Show all Contracted Entities 			
5.1.1.1	By default, the checkbox will be selected			
5.2	“Show Providers with Targets Only” Checkbox			
5.2.1	Checkbox options: <ul style="list-style-type: none"> • Checked – Show Providers with Targets Only • Unchecked -- Show all Providers 			
5.2.1.1	By default, the checkbox will be selected			
Note	Contract Compliance Data Set Size reports do not show targets in the report but will also need these checkboxes since they represent the dataset sizes for the Outcome and Output measure contract compliance reports			