



FEI Systems

Connecting Every Dimension of
Health and Human Services

FASAMS Requirements Document

Allow Service Events for Immediate Discharges

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GENERAL

VERSION CONTROL

Date	Version	Author(s)	Brief Description of Change
10/8/2018	1.0	Tammy Davis	Initial creation of the document.
1/28/2019	1.1	Jesse Lindsey	Document update after JAD
2/11/2019	1.2	Jesse Lindsey	JAD update after meeting with team
2/13/2019	1.3	Yiwen Ma	Internal Review
3/1/2019	1.4	Yiwen Ma	Removed Req. 2.5 as the rule no longer exists.
3/7/2019	1.5	Yiwen Ma	Added Req. 3.2.3 based on discussion with DCF

STAKEHOLDERS

Role	Name
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SCOPE

INITIAL REQUEST & ASSUMPTIONS

Business Statement

The change is to provide Providers and Managing Entities the ability to report covered services (ex. assessments, evaluations or screenings) that were performed as part of an intake or admission process that results in the immediate discharge of an individual. The current structure of an immediate discharge does not allow for the accounting of client-specific covered services. These services are necessary to be performed in order to assess whether an individual meets the criteria for an admission into a MH or SA program. This will have a downstream effect of matching the covered services reported in FASAMS to the reported covered services listed on the Monthly Provider Detail Report sent to SAMH by the MEs.

Scope Definition

The enhancement will modify the ImmediateDischarge and ServiceEvents entities so that FASAMS has the ability to accept Service Events that were performed in cases of Immediate Discharges. In addition, reports that run on Service Events will be updated to include the Immediate Discharge-related services as well.

Assumptions

The following reports are run based on Service Events data, but will remain unchanged, because they report on admission-related data only:

- Contract Compliance – All Outcome Measure reports
 - These reports are based on Performance Outcome Measures, which do not occur in Immediate Discharges)
- URS 6 (MHBG 11): Profile of Client Turnover
- URS 12 (MHBG 12): State Mental Health Agency Profile
 - This report covers only SMI/SED populations, which are calculated based on Performance Outcome Measures.
- URS 16 & 17 (MHBG 19 & 20): Profile of SMI Receiving Specific Services

EXISTING FUNCTIONALITY

Currently FASAMS allows/requires client-specific Service Events (TypeCode = 1) to be associated with admissions within a Treatment Episode. AdmissionSourceRecordIdentifier is required when TypeCode is 1.

PROPOSED FUNCTIONALITY

The following new fields will be added to ImmediateDischarge entity:

- SiteIdentifier
- ProgramAreaCode
- ContractNumber

The following new field will be added to ServiceEvent entity:

- ImmediateDischargeSourceRecordIdentifier

The existing business rules will be updated to allow Service Events submission for Immediate Discharges, and ensure they match the appropriate Immediate Discharges. The existing rule above will be altered to require a client-specific Service Event (TypeCode = 1) to be submitted with either an AdmissionSourceRecordIdentifier or ImmediateDischargeSourceRecordIdentifier.

INITIAL ESTIMATE/ QUOTE HISTORY

Phase/ Quote Date	Item(s)	Description	Estimate/ Quote
01/17/2019	8368	Initial Estimated Hours	90 to 180
02/20/2019	8368	Final Estimate Hours	Analysis: 36 Development: 100 Testing: 80 Acct/Project Management: 16 Total = 232

REQUIREMENTS

NOTE TO QA

For UAT, submit 10 test ServiceEvents records with ImmediateDischarge Test records

- 5 of them are true positives
- 2 are true negatives (ex. TypeCode 2 associated with an immediate discharge)
- An ME is able to go in and submit the records

1. UPDATE IMMEDIATEDISCHARGE ENTITY

Req. ID	Requirement	Dev	QA
1.1	Add New Field <ul style="list-style-type: none"> • Field Name: SitIdentifier • Value Type: String 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.1.1	Implement these rules on the new field above: <ul style="list-style-type: none"> • Required. • Must match the SitIdentifier for a single Provider site already set up in FASAMS for the Treatment Episode's associated Provider. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2	Add New Field <ul style="list-style-type: none"> • Field Name: ProgramAreaCode • Value Type: String 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.1	Implement these rules on the new field above: <ul style="list-style-type: none"> • 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 ○ 5 for Adult Substance Abuse and Mental Health ○ 6 for Child Substance Abuse and Mental Health 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.3	Add New Field <ul style="list-style-type: none"> • Field Name: ContractNumber • Value Type: String 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.3.1	Implement these rules on the new field above: <ul style="list-style-type: none"> • Required when the Provider.ContractualRelationshipCode is not 3 (State Mental Health Treatment Facility - DCF Operated). • Must match a single contract number already set up in FASAMS. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2. UPDATE SERVICEEVENT ENTITY

Req. ID	Requirement	Dev	QA
2.1	Update the existing ServiceEvent rule from: <ul style="list-style-type: none"> Requires AdmissionSourceRecordIdentifier when TypeCode is 1 (Client-Specific) To <ul style="list-style-type: none"> Requires AdmissionSourceRecordIdentifier or ImmediateDischargeSourceRecordIdentifier (See Req. 2.2 below) when TypeCode is 1 (Client-Specific). AdmissionSourceRecordIdentifier and ImmediateDischargeSourceRecordIdentifier must not be provided together for one ServiceEvent. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.2	Add a new field to the ServiceEvent Entity: <ul style="list-style-type: none"> Field Name: ImmediateDischargeSourceRecordIdentifier Value Type: String 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.3	Add the this rule on the new field ServiceEvent.ImmediateDischargeSourceRecordIdentifier: <ul style="list-style-type: none"> Must not be provided if the ServiceEvent's TypeCode is 2 (Non-Client-Specific). 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.4	Update the existing rule on ServiceEvent.FederalTaxIdentifier from <ul style="list-style-type: none"> Must match the Provider's FederalTaxIdentifier of the related Admission if TypeCode is 1 (Client-Specific). To <ul style="list-style-type: none"> Must match the Provider's FederalTaxIdentifier of the related Admission or ImmediateDischarge if TypeCode is 1 (Client-Specific). 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.5	Removed on 3/1/2019 (This rule was removed towards the end of DDI.) Update the existing rule on ServiceEvent.SiteIdentifier from: <ul style="list-style-type: none"> Must match the Provider's SiteIdentifier of the related Admission if TypeCode is 1 (Client-Specific). To <ul style="list-style-type: none"> Must match the Provider's SiteIdentifier of the related Admission or ImmediateDischarge if TypeCode is 1 (Client-Specific). 	<input type="checkbox"/>	<input type="checkbox"/>
2.6	Update the existing rule on ServiceEvent.ContractNumber from <ul style="list-style-type: none"> Must match the related Admission's ContractNumber if TypeCode is 1 (Client-Specific). To <ul style="list-style-type: none"> Must match the related Admission's or ImmediateDischarge's ContractNumber if TypeCode is 1 (Client-Specific). 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.7	Update the existing rule on ServiceEvent.ProgramAreaCode from <ul style="list-style-type: none"> Must match the related Admission's ProgramAreaCode if TypeCode is 1 (Client-Specific). To <ul style="list-style-type: none"> Must match the related Admission's or ImmediateDischarge's ProgramAreaCode if TypeCode is 1 (Client-Specific). 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.8	Make the following rule changes for the field ServiceEvent.TreatmentSettingCode:		
2.8.1	Update the existing rule from <ul style="list-style-type: none"> Must match the related Admission's TreatmentSettingCode if TypeCode is 1 (Client-Specific). To <ul style="list-style-type: none"> Must match the related Admission's TreatmentSettingCode if TypeCode is 1 (Client-Specific) and there is a related Admission. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.8.2	Add this new rule: <ul style="list-style-type: none"> Must be 06, 07, or 97 when the Service Event is related to an Immediate Discharge. Warning Message: "Must be a valid TreatmentSettingCode when Service Event is submitted for TypeCode 1 and ImmediateDischarge."	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.9	Make the following rule changes for the field ServiceEvent.ServiceDate:		
2.9.1	Update this existing rule from:	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Req. ID	Requirement	Dev	QA
	<ul style="list-style-type: none"> Must be greater than or equal to the related AdmissionDate when TypeCode is 1 (Client-Specific). <p>To</p> <ul style="list-style-type: none"> Must be greater than or equal to the related AdmissionDate when TypeCode is 1 (Client-Specific) and there is a related Admission. 		
2.9.2	<p>Add this new rule:</p> <ul style="list-style-type: none"> Must be match the EvaluationDate of the related ImmediateDischarge when there is one. <p>Warning Message: "ImmediateDischarge ServiceEventServiceDate must match the Treatment Episode ImmediateDischargeEvlauationDate."</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.10	<p>Add a new rule to the field ServiceEvent.CoveredServiceCode:</p> <ul style="list-style-type: none"> Must be one of the following code when there is a related ImmediateDischarge: <ul style="list-style-type: none"> 01 – Assessment 04 – Crisis Support 11 – Intervention 27 – TASC 48 – Indicated Prevention <p>Warning Message: "Must be a valid CoveredService for Service Events submitted for Immediate Discharge. Valid Covered Services include: Assessment (01), Crisis Support (04), Intervention (11), TASC (27), Indicated Prevention (48)."</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Note	<p>The following existing functionality will not be affected by the changes above:</p> <ul style="list-style-type: none"> No warning or rejection if project code is submitted Existing rules on HCPCSProcedureCodes in the Service Event chapter will remain unchanged. Error will be produced if a submission is missing HCPCS code or if the HCPCS code is not valid. 		
Note	<p>FEi will update the ServiceEvent Chapter and create a step-by-step guide on Immediate Discharge submission after the development is complete.</p>		

3. UPDATE REPORTS TO COVER IMMEDIATE DISCHARGE SERVICES

Req. ID	Requirement	Dev	QA
3.1	Contract Compliance – All Output Measure reports <ul style="list-style-type: none"> These reports should be updated to count in Service Events that are related to Immediate Discharges when calculating the number of clients served. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Level Of Care	Number of Admissions ≥ Number of Persons Served		Costs per Person		
	Number of admissions (A)	Number of Persons Served (B)	Mean Cost of Services (C)	Median Cost of Services (D)	Standard Deviation of Cost (E)
Detoxification (24-Hour Care)					
1. Hospital Inpatient	0	0	N/A	N/A	N/A
2. Free-Standing Residential	46,578	25,648	\$ 106.25	\$ 125.00	\$ 84.33
Rehabilitation/Residential					
3. Hospital Inpatient	23,903	23,098	\$ 98.00	\$ 109.00	\$ 40.34
4. Short-term (up to 30 days)	12,387	12,308	\$ 209.78	\$ 170.00	\$ 98.23
5. Long-term (over 30 days)	14,587	7,564	\$ 106.25	\$ 125.00	\$ 84.33
Ambulatory (Outpatient)					
6. Outpatient	26,458	24,567	\$ 98.00	\$ 109.00	\$ 40.34
7. Intensive Outpatient	2,930	2,503	\$ 209.78	\$ 170.00	\$ 98.23
8. Detoxification	3,635	4,578	\$ 106.25	\$ 125.00	\$ 84.33
Opioid Replacement Therapy					
9. ORT Detoxification	5,478	5,415	\$ 98.00	\$ 109.00	\$ 40.34
10. Opioid Replacement Therapy	3,452	3,400	\$ 209.78	\$ 170.00	\$ 98.23

Req. ID	Requirement	Dev	QA
3.2	SABG Table 10 – Treatment Utilization Matrix		
3.2.1	<ul style="list-style-type: none"> Number of Persons Served (B) – This column should be updated to include also clients who received services from Immediate Discharges. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.2.2	<ul style="list-style-type: none"> Cost per Person (C, D and E) – These columns should be updated to include also costs incurred from services delivered during Immediate Discharges. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.2.3	Added on 3/7/2019 <ul style="list-style-type: none"> Number of admissions (A) – This column should be updated to count one ‘pseudo admission’ for each Immediate Discharge reported. <u>Note:</u> There will be no actual Admission records submitted for FASAMS in the case of Immediate Discharge. 	<input type="checkbox"/>	<input type="checkbox"/>

Age	A. Total	B. White		C. Black or African American		D. Native Hawaiian/ Other Pacific Islander		E. Asian		F. American Indian/Alaskan Native		G. More Than One Race Reported		H. Unknown		I. Not Hispanic or Latino		J. Hispanic or Latino	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1. 17 and under	33,407	9,504	5,033	9,504	2,094	49	20	53	62	74	25	2,039	4,950	0	0	10,394	9,583	4,902	8,528
2. 18-24	16,704	4,752	2,517	4,752	1,047	25	10	27	31	37	13	1,020	2,475	0	0	5,197	4,792	2,451	4,264
3. 25-44	66,814	19,008	10,066	19,008	4,188	98	40	106	124	148	50	4,078	9,900	0	0	20,788	19,166	9,804	17,056
4. 45-64	40,088	11,405	6,040	11,405	2,513	59	24	64	74	89	30	2,447	5,940	0	0	12,473	11,500	5,882	10,234
5. 65 and over	1,670	475	252	475	105	2	1	3	3	4	1	102	248	0	0	520	479	245	426
6. Total	158,683	45,144	23,907	45,144	9,947	233	95	252	295	352	119	9,685	23,513	0	0	49,372	45,519	23,285	40,508
7. Pregnant Women	2,458		1,498		409		2		5		6		23		0		1,578		880
Numbers of Persons Served who were admitted in a Period Prior to the 12 month reporting Period						15,499													
Number of persons served outside of the levels of care described on SABG Table 10						9,458													

Req. ID	Requirement	Dev	QA
3.3	SABG 11: Number of Persons Served for Alcohol and Other Drug Use <ul style="list-style-type: none"> This report should be updated to count in Service Events that are related to Immediate Discharges when calculating the number of clients served. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	American Indian or Alaska Native			Asian			Black or African American			Native Hawaiian or Other Pacific Islander			White			More Than One Race Reported			Race Not Available			Total			
	Female	Male	Not Available	Female	Male	Not Available	Female	Male	Not Available	Female	Male	Not Available	Female	Male	Not Available	Female	Male	Not Available	Female	Male	Not Available	Female	Male	Not Available	Total
	Non-Medicaid Sources (only)	980	278	0	1,870	1,839	0	2,098	879	0	298	769	0	2,984	2,983	0	279	352	0	0	0	0	8,509	7,100	0
People Served by Both Medicaid and Non-Medicaid Sources	278	189	0	1,098	892	0	1,982	1,201	0	873	298	0	1,989	987	0	125	421	0	0	0	0	6,345	3,988	0	10,333
Total Served	1,258	467	0	2,968	2,731	0	4,080	2,080	0	1,171	1,067	0	4,973	3,970	0	404	773	0	0	0	0	14,854	11,088	0	25,942

Req. ID	Requirement	Dev	QA
3.4	URS 5A (MHBG 10A): Profile of Clients by Type of Funding Support (Race) <ul style="list-style-type: none"> This report should be updated to count in Service Events that are related to Immediate Discharges when calculating the number of clients served. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.5	URS 5B (MHBG 10B): Profile of Clients by Type of Funding Support (Ethnicity) <ul style="list-style-type: none"> This report should be updated to count in Service Events that are related to Immediate Discharges when calculating the number of clients served. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.6	Provider Expenditure Reports <ul style="list-style-type: none"> This report should be updated to cover the costs incurred from services of Immediate Discharges as well. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>