**Table: placement\_payment\_services**

**Version: 1.01**

**Date: May 13, 2014**

# Revision History

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| --- | --- | --- | --- | --- |
| **Version** | **Date** | **Summary of Changes** | **Author** | **Reviewer/Approver** |
| 1.01 | 5/10/2014 | Original Specifications | Jane Messerly |  |
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# Table Specifications

The table base.placement\_payment\_services is created after loading all the data from Children’s Administration.

The purpose of this table is to provide payment information on services provided for a placement. The primary key of this table is id\_payment\_fact. This table uses “rolled up services codes” matching on cd\_srvc from service\_type\_dim.

The first match to payment fact is on id\_prsn\_child,id\_provider\_dim\_service and id\_calendar\_dim\_service\_begin is less than rptPlacement\_events.end\_date and id\_calendar\_dim\_service\_end is greater than rptPlacement\_events.begin\_date and the rptPlacement\_Events.cd\_srvc=service\_type\_dim.cd\_srvc. The id\_payment\_fact is unduplicated by selecting the abs(datediff(dd,rptPlacement\_Events.begin\_date,service begin\_date)) selecting the id\_placement\_fact with the smallest difference of days between begin\_date and service date. This assures the id\_payment\_fact does not occur in the table multiple times.  
  
The next match to payment fact is on id\_prsn\_child,id\_provdier\_dim\_service and id\_calendar\_dim\_service\_begin is less than rptPlacement\_events.end\_date and id\_calendar\_dim\_service\_end is greater than rptPlacement\_events.begin\_date where the id\_payment\_fact does NOT currently exist in the table (ie.. from the first match) Again the data is unduplicated id\_calendar\_dim\_service\_begin is less than rptPlacement\_events.end\_date and id\_calendar\_dim\_service\_end is greater than rptPlacement\_events.begin\_date.

The last “child” match to payment \_fact is by child and service dates. Match is on on id\_prsn\_child and id\_calendar\_dim\_service\_begin is less than rptPlacement\_events.end\_date and id\_calendar\_dim\_service\_end is greater than rptPlacement\_events.begin\_date. Again the data is unduplicated selecting the id\_placement\_fact with the smallest difference of days between begin\_date and service date.

Finally we want case payments… matching on rptPlacement.id\_case=payment\_fact.id\_case where payment\_fact.id\_prsn\_child is null and id\_calendar\_dim\_service\_begin is less than rptPlacement\_events.end\_date and id\_calendar\_dim\_service\_end is greater than rptPlacement\_events.begin\_date and the cd\_srvc joined to ref\_service\_category on cd\_srvc and fl\_plc\_svc=1 where id\_payment\_fact does not currently exist in table.

Lastly the”to Date” services / budget codes are calculated as of service begin date (from payment fact) over the id\_removal\_episode\_fact. It is a 17 bit field starting with a 1 and then for each flag the max(value) for that flag over the episode up to the rptPlacement\_events.begin\_date.   
IE. , max(case when pps.cd\_subctgry\_poc\_frc=1 then 1 else 0 end ) over (partition by id\_removal\_episode\_fact order by svc\_begin\_date,svc\_end\_date) [fl\_family\_focused\_services]

# ref\_service\_category table (created by POC) rolls up services



# Base.placement\_payment\_services Table Definition

|  |  |  |
| --- | --- | --- |
| **column name** | **data type** | **description** |
| id\_prsn\_child | int | Famlink id |
| begin\_date | datetime | Begin\_date from rptPlacement\_events |
| end\_date | datetime | End\_Date from rptPlacement\_events |
| id\_removal\_episode\_fact | int | from rptPlacement\_events |
| id\_placement\_fact | int | from rptPlacement\_events |
| id\_provider\_dim\_caregiver | int | from provider\_dim |
| id\_case | int | from rptPlacement\_events |
| dur\_days | int | Days\_to\_dsch + 1 |
| fl\_close | smallint | if placement has an end date less than current date then set flag to 1 else 0. |
| id\_payment\_fact | int | From table payment\_fact |
| svc\_begin\_date | date | From table payment\_fact, column ID\_CALENDAR\_DIM\_SERVICE\_BEGIN  Converted to date. |
| svc\_end\_date | date | From table payment\_fact, column ID\_CALENDAR\_DIM\_SERVICE\_END  Converted to date. |
| pymt\_cd\_srvc | int | cd\_srvc from service\_type\_dim |
| pymt\_tx\_srvc | varchar (200) | tx\_srvc from service\_type\_dim |
| fl\_primary\_srvc | Int | Base on table ref\_service\_category. If cd\_srvc has fl\_primary\_srvc=1 then 1 else 0. |
| srvc\_match | int | If the service paid matched the service in rptPlacement\_Events then 1 else 0 |
| prov\_match | int | If the id\_provider\_dim\_service matched the id\_provider\_dim\_caregiver then 1 else 0 |
| rate | decimal | am\_rate from payment\_fact |
| unit | decimal | am\_units from payment\_fact |
| total\_paid | decimal | am\_total\_paid from payment\_fact |
| cd\_budget\_poc\_frc | int | Rolled up by poc cd\_service\_budget using ref\_service\_category table. |
| tx\_budget\_poc\_frc | varchar (200) | Text description of cd\_budget\_poc\_frc |
| cd\_subctgry\_poc\_frc | int | Rolled up by poc cd\_service\_category using ref\_service\_category table. |
| tx\_subctgry\_poc\_frc | varchar (200) | Text description of tx\_budget\_poc\_frc |
| fl\_plc\_svc | Int | From ref\_service\_category |
| fl\_dup\_payment | int | Default value 1. Values greater than 1 were deleted from table. |
| plcm\_pymnt\_sort\_asc | int | Row number sort order by event begin date and services begin & end date over id\_removal\_episode\_fact |
| fl\_family\_focused\_services | int | cd\_subctgry\_poc\_frc=1; flag set to 1 else 0 |
| fl\_child\_care | int | cd\_subctgry\_poc\_frc=2; flag set to 1 else 0 |
| fl\_therapeutic\_services | int | cd\_subctgry\_poc\_frc=3; flag set to 1 else 0 |
| fl\_mh\_services | int | cd\_subctgry\_poc\_frc=4; flag set to 1 else 0 |
| fl\_receiving\_care | int | cd\_subctgry\_poc\_frc=5; flag set to 1 else 0 |
| fl\_family\_home\_placements | int | cd\_subctgry\_poc\_frc=6; flag set to 1 else 0 |
| fl\_behavioral\_rehabiliation\_services | int | cd\_subctgry\_poc\_frc=7; flag set to 1 else 0 |
| fl\_other\_therapeutic\_living\_situations | int | cd\_subctgry\_poc\_frc=8; flag set to 1 else 0 |
| fl\_specialty\_adolescent\_services | int | cd\_subctgry\_poc\_frc=9; flag set to 1 else 0 |
| fl\_respite | int | cd\_subctgry\_poc\_frc=10 flag set to 1 else 0 |
| fl\_transportation | int | cd\_subctgry\_poc\_frc=11; flag set to 1 else 0 |
| fl\_clothing\_incidentals | int | cd\_subctgry\_poc\_frc=12; flag set to 1 else 0 |
| fl\_sexually\_aggressive\_youth | int | cd\_subctgry\_poc\_frc=13; flag set to 1 else 0 |
| fl\_adoption\_support | int | cd\_subctgry\_poc\_frc=14; flag set to 1 else 0 |
| fl\_various | int | cd\_subctgry\_poc\_frc=15; flag set to 1 else 0 |
| fl\_medical | int | cd\_subctgry\_poc\_frc=16; flag set to 1 else 0 |
| filter\_service\_category\_todate | decimal | Services received as of rptPlacement\_Events.begin\_date for that removal(id\_removal\_episode\_fact) |
| fl\_budget\_C12 | int | cd\_budget\_poc\_frc=12; flag set to 1 else 0 |
| fl\_budget\_C14 | int |  |
| fl\_budget\_C15 | int | cd\_budget\_poc\_frc=15; flag set to 1 else 0 |
| fl\_budget\_C16 | int | cd\_budget\_poc\_frc=16; flag set to 1 else 0 |
| fl\_budget\_C18 | int | cd\_budget\_poc\_frc=18; flag set to 1 else 0 |
| fl\_budget\_C19 | int | cd\_budget\_poc\_frc=19; flag set to 1 else 0 |
| fl\_uncat\_svc | int | cd\_budget\_poc\_frc=99; flag set to 1 else 0 |
| filter\_service\_budget\_todate | decimal | Budget Codes used as of rptPlacement\_Events.begin\_date for that removal(id\_removal\_episode\_fact) |

# 4 Data Mapping Detail For placement\_payment\_services Table

| **Row/Column Label** | **Description** | **Comments/Business Rules** |
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