Oracle® Hospitality Enterprise Back Office

Generic POS Interface Specification

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Preface

Purpose

This document contains POS interface reference information for Food and Beverage data results sets.

Audience

This document is intended for developers who develop interfaces for exchanging data with Enterprise Back Office.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:

https://support.oracle.com

When contacting Customer Support, please provide the following:

- Product version and program/module name

- Functional and technical description of the problem (include business impact)

- Detailed step-by-step instructions to re-create

- Exact error message received and any associated log files

- Screenshots of each step you take

Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at http://docs.oracle.com/en/industries/hospitality/

Revision History

Date	Description of Change
September 2018	Initial publication.

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Introduction

Enterprise Back Office supports JavaScript Object Notification (JSON) for posting the following data sets to the Reporting and Analytics database server:

- Definitions
- Summarized daily totals
- Summarized labor details
- Summarized fixed period totals
- Transaction collection

Your data retention policy and contract start date determine the number of days for which you collect and post data. You must send data for each day separately. In this document, activity period refers to the period over which you collect and post data.

What Do I Need to Post Data?

You need the following information to post data to Reporting and Analytics:

- Portal server URL. Example: www.mymicros.net.
- Restaurant ID and password for each of the locations you want to post data.
  Retrieving Restaurant IDs and Passwords explains how to get these values.

Retrieving Restaurant IDs and Passwords

Follow these steps to retrieve location IDs and passwords:

1. Log in to Reporting and Analytics as a system administrator.

2. Click **Admin**, click **.Connect Admin**, click **Location information**, and then click **Locations**.

   The name of the portlet associated with the location ID and password might vary by organization. For example, the portlet name might appear as **.Connect Admin** or **RTA Admin**.

3. Select the location in the table and then click **Display Password**.

4. Make a note of the **Restaurant ID** and **Password** values.

5. Verify that a date appears in the **Install Date** field.

   If the **Install Date** field is empty, ask your hosting administrator to set this value.

Requests

Use the HTTP POST method to send data to Reporting and Analytics. A request contains the following information:

- POST method and database server URL. Example:

  ```
  POST http://<server_name.com>/posting/postingService/posting/post
  ```

- Content header with authorization credentials. Example:

  ```
  Content-Type: application/json

  Accept: application/json

  Authorization: Basic <restaurant_ID>:<password>
  ```

- Request body with data objects

The following table describes the data objects that comprise the request body:

Object	Description
sourceVersion	The remote application's version number (typically, POS version number).
sourceJobName	Job to be executed for the data sets that you are posting. Valid values by data set type: • Definitions: `"sourceJobName": "definitions"` • Summarized daily totals: `"sourceJobName": "DailyTotals"` • Summarized labor details: `"sourceJobName": "fixedperiods"` • Summarized fixed period totals: `"sourceJobName": "fixedperiods"` • Transaction collection:`"sourceJobName": "Transactions"`
sourceTypeName	Specify generic as the source type as shown in the following example: `"sourceTypeName": "Generic"`
sourceSubTypeName	Specify E7 as the sub-type as shown in the following example: `"sourceSubTypeName": "E7"`
sourceScriptVersion	Current script version
sourceDate	This value is time zone neutral. It is calculated as "Current Time in Milliseconds" + "GMT Offset in Milliseconds" where the offset accounts for the current DST status. Conceptually, it is the current day/hour/minute/second/ms of the local time zone expressed as if the local time zone were GMT.
sourceStartDateTime	Required transaction start time in the format: YYYY-MM-DD HH:mm:ss:SSS. Example: `"sourceStartDateTime":"2012-12-31 00:00:00.000"`
sourceEndDateTime	Required transaction end time in the format: YYYY-MM-DD HH:mm:ss:SSS. Example: `"sourceEndDateTime":"2013-01-14 00:00:00.000"`
resultSets	Specifies the data that you are posting to the Reporting and Analytics server. Result sets include a name, a version, column headers, and rows that contain the data values. Your business requirements determine the result sets that you post. The following chapters in this document describe the result sets.

Use an empty string to represent null values (for example, " ").

Sample Request Body

The following code shows an example request body for fixed period data:

```json
{
    "sourceVersion": "4.2",
    "sourceJobName": "fixedperiods",
    "sourceTypeName": "Generic",
    "sourceSubTypeName": "E7",
    "sourceScriptVersion": "2",
    "sourceDate": "1536105600000",
    "sourceEndDateTime": "2012-12-31 13:08:58.000",
    "sourceStartDateTime": "2012-12-31 12:53:25.000",
    "resultSets": [{
        "name": "JobCodeFPTtlGeneric",
        "version": "1",
        "header": ["busDt", "fP", "num", "cat", "regHr", "ovtHr", "regPay",
        "ovtPay", "rvc", "busHr"],
        "rows": [
                ["1536105600", "52", "1001", "5", "0.199", "0", "0.40", "0.00",
        "9999786", "12"],
                ["1536105600", "53", "1001", "5", "0.5", "0", "1.00", "0.00",
        "9999786", "13"],
                ["1536105600", "54", "1001", "5", "0.5", "0", "1.00", "0.00",
        "9999786", "13"]
        ]
    }, {
        "name": "LabCatFPTtlGeneric",
        "version": "3",
        "header": ["busDt", "fP", "num", "regHr", "ovtHr", "regPay", "ovtPay",
        "rvc", "busHr"],
        "rows": [
                ["1536105600", "52", "5", "0.279", "0", "0.80", "0.00", "9999786",
        "12"],
                ["1536105600", "53", "5", "0.75", "0", "2.25", "0.00", "9999786",
        "13"],
                ["1536105600", "54", "5", "0.75", "0", "2.25", "0.00", "9999786",
        "13"]
        ]
    }, {
        "name": "SosFPTtlGeneric",
        "version": "1",
        "header": ["busDate", "fP", "type", "rvc", "ttl", "cnt"],
        "rows": [
                ["1536105600", "52", "29", "9999786", "300.29", "30"],
                ["1536105600", "54", "29", "9999786", "301.10", "10"]
        ]
    }]
}
```

Responses

The Reporting and Analytics server returns the following responses to POST requests:

- 0: Success
- 1: Unauthenticated
- 2: User not found
- 3: Server error
- 4: Location not found
- 5: Invalid credential

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Data Formats

Each column can be formatted based on its type. The following table describes the type and format. All fields are variable length and represented using UTF-8 characters.

Column Type	Description	Example
Tiny	Unsigned number between 0 and 255.	1,2, 5, 10
Small	Sign number between -32,768 (-2^7) and 32,767 (2^7 - 1).	-5, 5, 10
Integer	Signed Number between 999999999 and -999999999.	1, 2, -5, 10, 23, 9999
Currency	Signed decimal value. The decimal point position depends on the currency.	12.34, -12.34, 9999.00
Char	A single character	a, x, C
String	String containing field. Optionally, you can enclose it with quotation marks (").	Burger, Newspaper, Smith
Date	Contains the date at midnight and is represented as the number of seconds since the beginning of 01-01-1970.	1081814400 [this being 2004-04-13 00:00:00.0]
DateTime	Contains the local date and time formatted as the number of seconds since the beginning of 01-01-1970.	1081867912 [this being 2004-04-13 14:51:52.0]
Decimal	Decimal number	10.00, 1, 2.34, 2.3456

All dates and date-times are time zone neutral. You report the values as though the store was at GMT +0 hours; that is, a store in Washington, D.C. reports sales at 16:00 EST (GMT-5) as 16:00 GMT+0.

For the store interface, if the calculation of the date and date-time fields into seconds is difficult, you do not have to convert them. For this example, the column heading needs to specify the format of the date. The following examples illustrate this:

busDate: MM/dd/yy H:mm:ss transDt: dd/MM/yy

Format letters are case sensitive and there must be a colon between the actual column header and the value.

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Definition Data Sets

This section describes definition data sets.

Menu Item Definition Data Set

Name	MiDefGeneric
Version	2
Description	Includes product, article, or menu item definition information.
Preprocessing Required	None
Selection Criteria	Only include items that have been active in the current business date.

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
num	Integer		N	Item number (must be unique and cannot be zero)	1
name1	String	24	N	Item name	1
name2	String	24	Y	Second item name	1
mGNum	Integer		N	Major group number for categorizing activity	1
fGNum	Integer		N	Family group number for categorizing activity	1
SKU	String	16	Y	SKU or PLU	1
xRef	String	16	Y	Extra reference information	2

If there is only one group available for the items, set MGNum and FGNum to this group number.

If it is possible to set the major group or family group to zero and still ring up transactions for the item, set this to 9999 in the data set. Create a corresponding entry in the major group and family group definitions data sets with a name of Default. If an item cannot be used when it has a major group or family group of zero, omit the item from the data set.

Menu Item Price Definition Data Set

Name	MiPrcGeneric
Version	2
Description	Includes product, article, or menu item price definition information.
Preprocessing Required	None
Selection Criteria	Only include items that have been active in the current business date.

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
num	Integer		N	Item number of valid menu item	1
rvc	Integer		Y	Optional revenue center number	1
pLvl	Integer		N	Price level when multiple prices are active. If only one price, set to 1.	1
name	String	20	Y	Optional price level name	1
price	Currency		N	Price	1
cost	Currency	16	Y	Optional standard cost field	1
mlName	String	20	Y	Optional. Use sub or main menu level name associated with this price level. **Note**: If you do not use version 2 in the header, mlName does not work.	2

Major Group Definition Data Set

Name	MGrpDefGeneric
Version	1
Description	Includes major group or category definition information.
Preprocessing Required	None
Selection Criteria	All

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
num	Integer		N	Group number (must be unique and cannot be zero)	1
name	String	24	Y	Group name	1

Family Group Definition Data Set

Name	FgrpDefGeneric
Version	1
Description	Includes sub group, family group, or category definition information.
Preprocessing Required	None
Selection Criteria	All

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
num	Integer		N	Group number (must be unique and cannot be zero)	1
name	String	24	Y	Group name	1

Discount Definition Data Set

Name	DscDefGeneric
Version	2
Description	Includes discount, promotion, or adjustment definition information.
Preprocessing Required	None
Selection Criteria	All

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
num	Integer		N	Discount number (must be unique and cannot be zero)	1
name	String	24	Y	Discount name	1
itmDsc	Integer		N	Flag to indicate item or subtotal discount. Format as: ABC A: 0 = discount, 1 = Comp, 2 = Promo B: 0 = net sales, 1 = do not net sales C: 0 = Subtotal discount, 1 = Item discount.	1
pcnt	Decimal		Y	If preset percentage discount, contains percentages (0.00 – 100.00)	2

Service Charge Definition Data Set

Name	SvcDefGeneric
Version	2
Description	Includes service charge (tip, delivery fee, gift certificate purchase, or gratuity) definition information.
Preprocessing Required	None
Selection Criteria	All

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
num	Integer		N	Service Charge number (must be unique and cannot be zero)	1
name	String	24	Y	Service charge name	1
chgTip	Integer		Y	Flag to indicate if charge tip: 1 = Charge tip 0 = Other	1
pcnt	Decimal		Y	If preset percentage service charge, contains percentage (0.00 – 100.00)	2

If charge tips do not have their own definition, create one with a num value of 9999 and a name of Charge tips. If there are easily identifiable gift card definitions in the items (that is, they have a specific type), enter them as service charge definitions.

Tender/Media Definition Data Set

Name	TmedDefGeneric
Version	1
Description	Includes tender or media (payments and cash drawer transactions such as pickup and loans) definition information.
Preprocessing Required	None
Selection Criteria	All

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
num	Integer		N	Tender or media number (must be unique and cannot be zero)	1
name	String	24	Y	Tender or media name	1
type	Integer		Y	Tender or media type: 1 = Tender (payment) 3 = Media pickup/pay out 4 = Media loan/pay in	1

Employee Definition Data Set

Name	EmpDefGeneric
Version	1
Description	Includes employee information.
Preprocessing Required	None
Selection Criteria	All active employees, including those with sales and labor activity and management authorization activity.

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
num	Integer		N	Employee number (must be unique and cannot be zero)	1
lName	String	32	Y	Last name	1
fName	String	20	Y	First name	1
pwd	String	16	Y	Password	1
payId	String	32	Y	Payroll ID, such as the employee's SSN.	1

Order Type Definition Data Set

Name	OrdrTypeDefGeneric
Version	1
Description	Includes order type or destination definition information such as eat-in, drive-thru, or delivery.
Preprocessing Required	None
Selection Criteria	All

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
num	Integer		N	Order type number (must be unique and cannot be zero)	1
name	String	20	Y	Order type name	1

Revenue Center Definition Data Set

Name	RvcDefGeneric
Version	2
Description	Includes revenue center definition information such as different eating areas, outlets, or profit centers.
Preprocessing Required	None
Selection Criteria	All

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
num	Integer		N	Revenue center number (must be unique and cannot be zero)	1
name	String	20	Y	Revenue center name	1
numTbl	Integer		Y	Number of tables in revenue center (TSR only)	2

Tax Definition Data Set

Name	TaxDefGeneric
Version	2
Description	Includes tax definition information.
Preprocessing Required	None
Selection Criteria	All

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
num	Integer		N	Tax number (must be unique and cannot be zero)	1
name	String	20	Y	Tax name	1
type	Integer		Y	Tax type: 1 = Add-on tax using breakpoints 2 = Add-on tax using percentage 3 = Inclusive Tax (such as VAT).	2
pcnt	Decimal		Y	Contains tax rate percentage (0.00 – 100.00)	2

Job Code Definition Data Set

Name	JobCodeDefGeneric
Version	1
Description	Includes job code definition information.
Preprocessing Required	None
Selection Criteria	All

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
num	Integer		N	Job code number (must be unique and cannot be zero)	1
name	String	20	Y	Job code name	1
cat	Integer		Y	Labor category that defines a group with which this job code can be associated. If a job code does not have a category, create a default one.	1

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Workstation Definition Data Set

Name	UWSDefGeneric
Version	1
Description	Includes workstation (POS terminal, hand-held) definition information for correlating transaction detail.
Preprocessing Required	None
Selection Criteria	All

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
num	Integer		N	Workstation number (must be unique and cannot be zero)	1
name	String	20	Y	Workstation name	1
type	Integer		Y	Workstation type: 1 = Workstation 2 = Hand-Held	1

Labor Category Definition Data Set

Name	LabCatDefGeneric
Version	1
Description	Includes labor category definition information.
Preprocessing Required	None
Selection Criteria	All

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
num	Integer		N	Labor category number (must be unique and cannot be zero)	1
name	String	20	Y	Labor category name	1

Reason Code Definition Data Set

Name	ReasonCodeDefGeneric
Version	1
Description	Includes reasons for voiding items from guest checks.
Preprocessing Required	None
Selection Criteria	All

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
num	Integer		N	Reason number (must be unique and cannot be zero)	1
name	String	20	Y	Reason code name (that is, text description)	1

Cash Management Definition Data Set

Name	CashMgmtDefGeneric
Version	1
Description	Includes cash management definition information
Preprocessing Required	None
Selection Criteria	All

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
num	Integer		N	Cash management number (must be unique and cannot be zero)	1
name	String	20	Y	Cash management code name (that is, text description)	1
recordType	Integer		Y	Type of cash recording: 0= Invalid type (default) 2 = Discount type 3 = Service charge type 4 = Tender media type 101 = Calculated type 102 = Unknown type	1
recordNum	Integer		Y	Record number	1

HR Employee Definition Data Set

Name	HREmpDefGeneric
Version	1
Description	Includes HR employee information.
Preprocessing Required	None
Selection Criteria	All active HR employees including those with labor activity.

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
num	Integer		N	Employee identification that matches the employee num value in the EmpDef data set.	1
payrollID	String	20	Y	Payroll identification	1
lstName	String	40	Y	Last name	1
fstName	String	40	Y	First name	1
midName	String	40	Y	Middle name	1
dob	Date		Y	HR employee date of birth	1

It is not necessary to have an HR employee from a POS.

Location Labor Definition Data Set

Name	LocLaborDefGeneric
Version	1
Description	Includes location labor week start date.
Preprocessing Required	None
Selection Criteria	

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
wkStart	Integer		N	Labor week start day: Sunday = 1 Monday = 2 Tuesday = 3 Wednesday = 4 Thursday = 5 Friday = 6 Saturday = 7	1

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Summarized Daily Totals Data Sets

Create daily totals data sets as part of the end-of-day process. If available, daily totals can be provided on a revenue-center basis. Send the daily information after the restaurant's end of day process has completed to reduce the processing load on the server. It is not critical that the end of day process be completed, but the business day must have rolled over.

Daily Item Sales Totals Data Set

Name	DlyMiTtlGeneric
Version	2
Description	Includes daily item sales totals.
Preprocessing Required	None
Selection Criteria	Any items with activity

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDate	Date		N	Business date	1
rvc	Integer		Y	Revenue center number, if available. Must reference a number in the definitions.	1
num	Integer		N	Item number. Must reference a number in the definitions.	1
pLvl	Integer		N	Price level. If not available, set to 1.	1
sls	Currency		N	Sales total excluding tax	1
dsc	Currency		N	Discount total associated with this item (negative)	1
rtn	Integer		N	The number of items returned during this business day	1
cnt	Integer		N	Sales count	1
cost	Currency		Y	Cost of sales	1
ot	Integer		Y	Order type	2

Name	Type	Length	Null	Description	Dataset Version
vatTtl	Currency		N	Total of VAT for this item	2
vatTtlExt	Currency		N	VAT total with extended precision	2
dscVatTtl	Currency		N	Total of discounted VAT	2
dscVatTtlExt	Currency		N	Total of discounted VAT with extended precision	2
weightTtl	Double		N	Total of weight for the item	2

Daily Discount Totals Data Set

Name	DlyDscTtlGeneric
Version	1
Description	Includes daily discount totals.
Preprocessing Required	None
Selection Criteria	Any items with activity

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDate	Date		N	Business date	1
rvc	Integer		Y	Revenue center number if available (must reference a number in the definitions)	1
num	Integer		N	Discount number (must reference a number in the definitions)	1
ttl	Currency		N	Discount total excluding add-on tax but including inclusive taxes (negative)	1
cnt	Integer		N	Discount count	1

Daily Service Charge Totals Data Set

Name	DlySvcTtlGeneric
Version	1
Description	Includes daily service charge totals.
Preprocessing Required	None
Selection Criteria	Any items with activity

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDate	Date		N	Business date	1
rvc	Integer		Y	Revenue center number if available (must reference a number in the definitions)	1
num	Integer		N	Service charge number (must reference a number in the definitions)	1
ttl	Currency		N	Service charge total	1
cnt	Integer		N	Service charge count	1

Charge tips are considered a service charge. Service Charge Definition Data Set provides more information.

Daily Tender/Media Totals Data Set

Name	DlyTmedTtlGeneric
Version	1
Description	Includes daily tender and media totals.
Preprocessing Required	None
Selection Criteria	Any items with activity

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDate	Date		N	Business date	1
rvc	Integer		Y	Revenue center number if available (must reference a number in the definitions)	1
num	Integer		N	Tender or media number (must reference a number in the definitions)	1
ttl	Currency		N	Tender or media total	1
cnt	Integer		N	Tender or media count	1

Daily Operations Totals Data Set

Name	DlyOpsTtlGeneric
Version	4
Description	Includes daily operations totals.
Preprocessing Required	None
Selection Criteria	Any items with activity

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDate	Date		N	Business date	1
rvc	Integer		Y	Revenue center number if available (must reference a number in the definitions)	1
netSlsTtl	Currency		N	Daily net sales total	1
taxCollTtl	Currency		N	Daily tax collected total	1
nonTxblSls	Currency		N	Daily non-taxable sales total	1
taxExmptTtl	Currency		N	Daily tax exempt sales total	1
svcTtl	Currency		N	Daily service charge Total	1
vdTtl	Currency		N	Daily void total. Negative value that includes manager voids.	1
vdCnt	Integer		N	Daily void count including manager voids. Based on line items count nut not the check count. If an entire check is voided with 5 items on it, this value is 5.	1
mgrVdTtl	Currency		Y	Daily manager void total. Voids performed or authorization by on an employee's checks. (negative)	1
mgrVdCnt	Integer		Y	Daily manager void count. Voids performed or authorization by on an employee's checks (based on line items)	1

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Name	Type	Length	Null	Description	Dataset Version
rtnTTl	Currency		N	Daily return total (negative)	1
rtnCnt	Integer		N	Daily return count based on line items	1
errCorTtl	Currency		N	Daily error correct total (negative)	1
errCorCnt	Integer		N	Daily error correct count based on line items	1
cnclTtl	Currency		N	Daily transaction cancel Total	1
cnclCnt	Integer		N	Daily transaction cancel count based on line items	1
crdtTtl	Currency		N	Daily credit balance total that contains aggregation of negative tax or service charge transaction totals. This is not related to credit card totals.	1
dscTtl	Currency		N	Daily discount total (negative) if net sales	1
chngGT	Currency		N	Daily change in grand total balancing total. This is available from the POS and is equal to NetSlsTtl + TaxCollTtl + SvcTtl + ABS(DscTtl) + ABS(VdTtl) + ABS(RtnTtl) + CrdtTtl)	1
rndTtl	Currency		Y	Daily rounding total. Used only in countries where currency totals are rounded.	1
numGst	Integer		Y	Daily number of covers or guests for TSR	1
numTurns	Integer		Y	Daily number of table turns for TSR	1
dineTm	Integer		Y	Daily dining time in minutes (all tables, all turns) for TSR	1
chkCnt	Integer		N	Daily transaction or check count	1
sos1	Integer		Y	Daily speed of service time (all transactions) for QSR	1

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Name	Type	Length	Null	Description	Dataset Version
sos2	Integer		Y	Daily preparation time (all transactions) for QSR	1
cryOvrTtl	Currency		Y	Daily check carry over totals (value of checks open at the end of the day and carried over to next business day) for TSR	1
cryOvrCnt	Integer		Y	Daily check carry over count (number of checks open at end of day and carried over to next business day) for TSR	1
chkBegTtl	Currency		Y	Sales posted to checks, including tax and service for TSR	1
chkBegCnt	Integer		Y	Number of checks begun for TSR	1
chkPdTtl	Currency		Y	Value of payments posted to checks, including tax and service for TSR	1
chkPdCnt	Integer		Y	Number of checks closed for TSR	1
chkXInTtl	Currency		Y	Value of check transferred in to this Rev Ctr for TSR	1
chkXInCnt	Integer		Y	Number of checks transferred in to this Rev Ctr for TSR	1
chkXOutTtl	Currency		Y	Value of checks transferred out of this Rev Ctr for TSR	1
chkXOutCnt	Integer		Y	Number of checks transferred out of this Rev Ctr for TSR	1
dscDoNotNet	Currency		Y	If discount, do not sale place it here. Available as of version 2.	2
compDoNotNet	Currency		Y	If comps, do not net sales place here. Available as of version 2.	2
promoDoNotNet	Currency		Y	If promos, do not net sales place here. Available as of version 2.	2

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Name	Type	Length	Null	Description	Dataset Version
itmDscTtl	Currency		Y	Daily discount total (negative) if net sales. Available as of version 3.	3
grandTtl	Currency		Y	Grand total calculated as follows: + Previous Grand Total (should be available from POS) + Change Grand Total (see ChngGT for calculation) Available as of version 4.	4

Daily Tax Totals Data Set

Name	DlyTaxTtlGeneric
Version	1
Description	Includes daily tax totals.
Preprocessing Required	None
Selection Criteria	Any taxes with activity

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDate	Date		N	Business date	1
rvc	Integer		Y	Revenue center number if available	1
num	Integer		N	Tax rate number	1
collTtl	Currency		N	Collected tax total	1
txblTtl	Currency		N	Taxable (or Vatable) sales total (inclusive of taxes)	1
xmptTtl	Currency		N	Exempt tax total	1

Daily Job Code Totals Data Set

Name	DlyJobCodeTtlGeneric
Version	2
Description	Includes daily job code totals.
Preprocessing Required	None
Selection Criteria	Any job codes with activity

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDate	Date		N	Business date	1
rvc	Integer		Y	Revenue center number if available	1
num	Integer		N	Job code number	1
regHr	Decimal		N	Regular hours	1
ovtHr	Decimal		N	Overtime hours	1
regPay	Currency		N	Regular pay	1
ovtPay	Currency		N	Overtime pay	1
avgRate	Currency		N	Average pay rate for all employees for this job code. Optional, provide zero if not used.	2
ovt2Hr	Decimal		N	Overtime 2 hours. Optional, provide zero if not used.	2
ovt3Hr	Decimal		N	Overtime 3 hours. Optional, provide zero if not used.	2
ovt4Hr	Decimal		N	Overtime 4 hours. Optional, provide zero if not used.	2
ovt2Pay	Currency		N	Overtime 2 pay. Optional, provide zero if not used.	2
ovt3Pay	Currency		N	Overtime 3 pay. Optional, provide zero if not used.	2
ovt4Pay	Currency		N	Overtime 4 pay. Optional, provide zero if not used.	2

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Daily Order Type Totals Data Set

Name	DlyOrdrTypeTtlGeneric
Version	2
Description	Includes daily order type or destinations totals.
Preprocessing Required	None
Selection Criteria	Any order types or destinations with activity

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDate	Date		N	Business date	1
num	Integer		N	Order type number	1
rvc	Integer		Y	Revenue center number if available	1
netSls	Currency		N	Net sales total	1
chkCnt	Integer		N	Check or transaction count	1
gstCnt	Integer		Y	Guest or cover count for TSR	1
tblTurn	Integer		Y	Table turns for TSR	1
tblTurnTm	Integer		Y	Number of milliseconds that a table was turned	1
sos	Integer		Y	Speed of service time for QSR	2

Daily Employee Totals Data Set

Name	DlyEmpTtlGeneric
Version	2
Description	Includes daily employee totals.
Preprocessing Required	None
Selection Criteria	Any active employees

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDate	Date		N	Business date	1
num	Integer		N	Employee number	1
rvc	Integer		Y	Revenue center number if available	1
netSls	Currency		N	Net sales total	1
dscTtl	Currency		N	Discount total	1
svcTtl	Currency		N	Service charge total	1
numChk	Integer		N	Number checks or transactions	1
numGst	Integer		Y	Number of guests or covers for TSR	1
numTbl	Integer		Y	Number of table turns for TSR	1
dineTm	Integer		Y	Dining time in minutes for TSR	1
chgTip	Currency		Y	Charge tip total for TSR	1
dirTip	Currency		Y	Direct tips for TSR	1
indirTip	Currency		Y	Indirect tips for TSR	1
rtnTtl	Currency		N	Return total	1
rtnCnt	Integer		N	Return count	1
vdTtl	Currency		N	Void total	1
vdCnt	Integer		N	Void count	1
eCorTtl	Currency		N	Error correct total	1
eCorCnt	Integer		N	Error correct count	1
trCanTtl	Currency		N	Transaction cancel total	1
trCanCnt	Integer		N	Transaction cancel count	1

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Name	Type	Length	Null	Description	Dataset Version
noSale	Integer		N	No sale count	1
mVdTtl	Currency		N	Manager void total	2
mVdCnt	Integer		N	Manager's void count	2

Daily Employee Job Code Totals Data Set

Name	DlyEmpJobCodeTtlGeneric
Version	2
Description	Includes employee daily job code totals.
Preprocessing Required	None
Selection Criteria	Any employee job codes with activity

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDate	Date		N	Business date	1
empNum	Integer		N	Employee number	1
jCodeNum	Currency		N	Job code number	1
regHr	Decimal		N	Regular hours	1
ovtHr	Decimal		Y	Overtime hours	1
regPay	Currency		N	Regular pay	1
ovtPay	Currency		Y	Overtime pay	1
ovt2Hr	Decimal		Y	Overtime 2 hours	2
ovt3Hr	Decimal		Y	Overtime 3 hours	2
ovt4Hr	Decimal		Y	Overtime 4 hours	2
ovt2Pay	Currency		Y	Overtime 2 pay	2
ovt3Pay	Currency		Y	Overtime 3 pay	2
ovt4Pay	Currency		Y	Overtime 4 pay	2

Daily Cash Management Totals Data Set

Name	DlyCashMgmtDtlGeneric
Version	2
Description	Includes daily cash management totals.
Preprocessing Required	None
Selection Criteria	Any cash management detail during the day.

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDate	Date		N	Business date	1
rvc	Integer		Y	Revenue center number if available	1
receptNum	Integer		N	Receptacle number	1
receptName	String		Y	Receptacle name	1
receptType	Integer		N	Receptacle type	1
startingAmt	Currency		Y	Starting amount	1
transAmt	Currency		Y	Transaction amount	1
overShort	Currency		Y	Over or short amount	1
depositAmt	Currency		Y	Regular pay	1
cmItemNum	Integer		Y	Cash management count item	1
targetReceptNum	Integer		Y	Target receptacle number	1
trDt	Datetime		N	Transaction date-time, in seconds since Jan 1, 1970	1
trEmp	Integer		N	Transaction employee	1
ref	Integer		N	Reference information	1
detailPOSRef	Integer		Y	Unique record identifier	1
usrDefRef	Integer		Y	User defined reference	2

Daily Foreign Currency Totals Data Set

Name	DlyFnCurrTtlGeneric
Version	1
Description	Includes daily foreign currency total
Preprocessing Required	None
Selection Criteria	Any daily foreign currency total during the day.

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDate	Date		N	Business date	1
rvc	Integer		Y	Revenue center number if available	1
isoFnCurrCd	String	3	N	3-alphanumeric ISO-4217 identifier for the foreign currency	1
fnCurrTtl	Currency		N	Value of the foreign currency accepted	1
localCurrTtl	Currency		N	Value of fnCurrTtl in local currency	1

Daily Credit Card Batch Result Set

Name	DlyCCBatchGeneric
Version	1
Description	Includes daily credit card batch.
Preprocessing Required	None
Selection Criteria	Any daily credit card batch during the day.

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
chkNum	Integer	10	N	Guest check number	1
bNum	Integer	5	N	Batch number	1
bRec	Integer	5	N	Batch record number	1
rvc	Integer		Y	Revenue center	1
busDt	Date		N	Business date	1
trDT	Datetime		N	Transaction date-time, in seconds since Jan 1, 1970	1
chkEmp	Integer		N	Check employee	1
cName	String		Y	Customer name	1
acctNum	String		Y	Account number, last four digits	1
authCode	String		Y	Authorization code	1
vdFlg	Boolean		Y	Void flag – '1', 'T' or 't' for true	1
expDate	String	4	Y	Expiration date	1
issueNum	String	2	Y	Issue number	1
tmed	Integer		N	Tender or media number	1
trk1	String		Y	Enterprise Back Office does not collect this data. Do not populate it.	1
trk2	String		Y	Enterprise Back Office does not collect this data. Do not populate it.	1
rspType	String	1	Y	Response type	1
manEnt	Boolean		Y	Manual entry flag – '1', 'T' or 't' for true	1

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Name	Type	Length	Null	Description	Dataset Version
manAuth	Boolean		Y	Manual authorization flag – '1', 'T' or 't' for true	1
baseAmt	Currency		N	Base amount	1
tipAmt	Currency		N	Tip amount	1
cashbackAmt	Currency		Y	Not active. Reserved for future use.	1
debit	Boolean		Y	Debit card flag – '1', 'T' or 't' for true	1
omitBy	String		Y	Not active. Reserved for future use.	1
settledTime	Datetime		Y	Settlement date-time, in seconds since Jan 1, 1970	1

5

Summarized Labor Details Data Sets

Create labor details data sets as part of the end-of-day process. You can create time card details and time card adjustment details as part of the transactional process.

If available, labor details can be provided on a revenue center basis.

For WenPOS only, you can create other pay details as part of the transactional process.

Time Card Detail Data Set

Name	TimeCardDtlGeneric
Version	2
Description	Includes time card details
Preprocessing Required	None
Selection Criteria	All time card detail entry in the current labor period. A transactional time card detail contains all time card detail in the current business date. The list of time card detail records defines a complete and contiguous list for the range of business dates included in the data set.
Note	Time card details can be generated as part of the transactional or end-of-day.

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
tmCrdSeq	Integer		N	Local time card detail identifier. Identifies a specific time card detail row when subsequent adjustments have been made. This column name was renamed from tmCrdId.	1
busDt	Date		N	Business date	1
emp	Integer		N	Employee number	1
job	Integer		N	Employee job code	1
rvc	Integer		Y	Revenue center number if available	1

Name	Type	Length	Null	Description	Dataset Version
clkIn	DateTime		N	Clock-in date and time	1
clkOut	DateTime		Y	Clock-out date and time. Null is employee is still clocked in.	1
regHrs	Decimal		N	Total regular hours in seconds. For example, to represent 5 hours of regular work hour, the value entered should be 18000 (5 * 3600).	1
regPay	Currency		N	Regular pay	1
ovtHrs	Decimal		N	Total regular hours in seconds. For example, to represent 5 hours of overtime work hour, the value enter should be 18000 (5 * 3600).	1
ovtPay	Currency		N	Overtime pay	1
clkInSts	Integer		Y	Optional, clock-in status	1
clkOutSts	Integer		Y	Optional, clock-out status	1
resetDt	DateTime		Y	Optional, last reset date and time. Use this value if the tmCrdId is only maintained for a single labor period. If the tmCrdId is unique across all labor periods, this is not required.	1
ovt2Hrs	Decimal		Y	Overtime 2 hours	2
ovt2Pay	Currency		Y	Overtime 2 pay	2
ovt3Hrs	Decimal		Y	Overtime 3 hours	2
ovt3Pay	Currency		Y	Overtime 3 pay	2
ovt4Hrs	Decimal		Y	Overtime 4 hours	2
ovt4Pay	Currency		Y	Overtime 4 pay	2
grossFBSls	Currency		Y	Gross sales	2
chrgSls	Currency		Y	Charge sales	2
chrgTip	Currency		Y	Charge tip	2
indTpsPdTtl	Currency		Y	Indirect tip	2
svcChrgTip	Currency		Y	Service charge tip	2
commTtl	Currency		Y	Commission total	2

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Name	Type	Length	Null	Description	Dataset Version
tipDecl	Currency		Y	Declared tip	2
premPayAddHrs	Decimal		Y	Premium pay additional hour	2
premPayAmt	Currency		Y	Premium pay amount	2
premPayHrs	Decimal		Y	Premium pay hours	2
authEmpNum	Integer	10	Y	Timecard authorizing employee	2
reasonNum	Integer	10	Y	Reason code	2

Time Card Adjustment Detail Data Set

Name	TimeCardAdjDtlGeneric
Version	1
Description	Includes report adjustment in time card details.
Preprocessing Required	None
Selection Criteria	Any new or current labor period adjustment of time card details. A transactional time card adjustment detail contains only new or current business day time card adjustment details.
Note	Time card adjustment details can be generated as part of the transactional or end-of-day.

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
tmCrdSeq	Integer		N	Local time card detail identifier that identifies a specific time card detail row when subsequent adjustments have been made.	1
busDt	Date		N	Business date	1
emp	Integer		N	Employee number	1
adjDt	DateTime		N	Audit time	1
mgrEmp	String		Y	First name or first name initial and the last name of the auditor	1
prevJob	Integer		Y	Prior job code	1
prevRvc	Integer		Y	Prior revenue center	1
prevClkInDtTm	DateTime		Y	Prior clock-in time	1
prevClkOutDtTm	DateTime		Y	Prior clock-out time	1
reason	String	16	Y	Edit reason	1
tmCrdAdjSeq	Integer		N	Local time card audit detail identifier	1

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Other Pay Detail Data Set

Name	OtherPayDtlGeneric
Version	1
Description	Use for other pay
Preprocessing Required	None
Selection Criteria	All other pay detail entry in the current business day or the current labor period. A transactional other pay detail contains all other pay detail in the current business date. The list of other pay detail records defines a complete and contiguous list for the range of business dates included in the data set.

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
emp	Integer		N	Employee number	1
busDt	Date		N	Business date	1
job	Integer		N	Job code	1
dsc	String	40	Y	Description	1
payType	Char		Y	Payment type code, interface specific	1
payHrs	Decimal		N	Number hours payment	1
payAmt	Currency		Y	Amount payment	1
payRate	Decimal		Y	Pay rate	1

You can have more than one row of OtherPayDtlGeneric for same emp, busDt, job, des, and payType.

If OtherPayDtlGeneric contains rows that do not exist in the Enterprise Back Office database, new records are inserted into the Enterprise Back Office database.

If OtherPayDtlGeneric contains rows that exist in the Enterprise Back Office database, the database is updated with the data that it received in OtherPayDtlGeneric.

Deletion of OtherPayDtlGeneric from the Enterprise Back Office database is supported only for WenPOS. The deletion rule is as follows:

Any database record between the earliest and latest business date of OtherPayDtlGeneric, but does not exist in OtherPayDtlGeneric, is deleted from the database.

If all of the OtherPayDtlGeneric records of the first or last business date of the labor period are deleted, OtherPayDtl_YYMMDD.dat contains rows of the deleted records with 0 payHrs, 0 payAmt, and 0 payRate.

6
Summary Fixed Period Totals Data Sets

Create fixed period totals data sets as part of the end-of-day process except labor category and job code fixed period data, which has to be sent in real time.

If available, fixed period totals may be provided on a revenue center basis.

Speed of Service Fixed Period Totals Result Set

Name	SosFPTtlGeneric
Version	1
Description	Includes speed of service information.
Preprocessing Required	None
Selection Criteria	Any speed of service sales of all fixed period in a business day.

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDate	Date		N	Business date in seconds since Jan 1, 1970	1
fp	Integer		N	Fixed period number (1-96)	1
type	Integer		N	SOS type	1
rvc	Integer		Y	Revenue center number if available	1
ttl	Currency		N	SOS total in this fixed period	1
cnt	Integer		N	SOS count	1

Labor Category Fixed Period Totals Result Set

Name	LabCatFPTtlGeneric
Version	3
Description	Includes labor category total information.
Preprocessing Required	None
Selection Criteria	Any labor category total of all fixed period in a business day.

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDt	Date		N	Business date in seconds since Jan 1, 1970	1
fP	Integer		N	Fixed period number (1-96)	1
num	Integer		N	Labor category number	1
regHr	Decimal		N	Regular hours specified in hours	1
ovtHr	Decimal		N	Overtime hours specified in hours	1
regPay	Currency		N	Regular pay	1
ovtPay	Currency		N	Overtime pay	1
rvc	Integer		Y	Revenue center	2
busHr	Integer		N	Business hour for a given business date. Can be greater than 24 if the business start hour is not midnight.	3

Job Code Fixed Period Totals Result Set

Name	JobCodeFPTtlGeneric
Version	1
Description	Includes job code total information.
Preprocessing Required	None
Selection Criteria	Any job code total of all fixed periods in a business day.

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDt	Date		N	Business date in seconds since Jan 1, 1970	1
fP	Integer		N	Fixed period number (1-96)	1
num	Integer		N	Job code	1
cat	Integer		N	Job category	1
regHr	Decimal		N	Regular hours specified in hours	1
ovtHr	Decimal		N	Overtime hours specified in hours	1
regPay	Currency		N	Regular pay	1
ovtPay	Currency		N	Overtime pay	1
rvc	Integer		Y	Revenue center	1
busHr	Integer		N	Business hour for a given business date. Can be greater than 24 if the business start hour is not midnight.	1

7
Transaction Collection

This section describes transaction data sets.

Guest Check Data Set

Name	CheckTtlGeneric
Version	4
Description	Includes guest check information
Preprocessing Required	None
Selection Criteria	Any guest check with activity during this period.

Column descriptions:

Name	Type	Length	Null	Description	Dataset Version
chkId	Integer		N	Identifies check records. Can be the database primary key. The field is not displayed and it uniquely identifies guest checks.	1
chkNum	Integer		N	Guest check number	1
chkRef	String	16	Y	Alphanumeric reference, such as a phone number, for the guest check.	1
rvc	Integer		Y	Revenue center number	1
tblRef	String	10	Y	Table number reference for TSR	1
grpNum	Integer		Y	Table group number for TSR	1
edtSts	Integer		N	Set to 1 if this is a closed check being edited.	1
opnDt	DateTime		N	Date and time check was opened or transaction was started	1
opnBusDt	Date		N	Business date on which the check was opened	1
clsdDt	DateTime		Y	Date and time on which the check or transaction was closed. If not closed, the value is null.	1

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Name	Type	Length	Null	Description	Dataset Version
clsdBusDt	Date		Y	Business date on which the check was closed.	1
numGst	Integer		N	Number of guests or covers	1
subTtl	Currency		Y	Guest check sub-total (sum of items net of discounts and voids)	1
taxTtl	Currency		Y	Tax collected total for this guest check. This tax total should not include inclusive tax (tax of type=3).	1
svcTtl	Currency		Y	Service charge total	1
ttlDue	Currency		Y	Any outstanding amount still due on the check	1
payTtl	Currency		Y	What has been paid so far on the check	1
chkEmp	Integer		Y	Employee number	1
ot	Integer		N	Order type that identifies if the check is eat-in, to-go, or delivery.	1
numInfoLines	Integer		Y	Number of information lines associated with the check. Each line can contain check information such as delivery address or frequency information.	1
infoLines	String	500	Y	Information lines. Each line should be separated with a '^' character.	1
taxExmpt	Currency		Y	Tax exempt amount	2
taxExmptRef	String	20	Y	Tax exempt reference information such as ID	2
tax1	Currency		Y	Tax total of tax number 1	3
tax2	Currency		Y	Tax total of tax number 2	3
tax3	Currency		Y	Tax total of tax number 3	3
tax4	Currency		Y	Tax total of tax number 4	3
tax5	Currency		Y	Tax total of tax number 5	3
tax6	Currency		Y	Tax total of tax number 6	3
tax7	Currency		Y	Tax total of tax number 7	3
tax8	Currency		Y	Tax total of tax number 8	3

Name	Type	Length	Null	Description	Dataset Version
taxExempt1	Currency		Y	Tax exempt total of tax number 1	3
taxExempt2	Currency		Y	Tax exempt total of tax number 2	3
taxExempt3	Currency		Y	Tax exempt total of tax number 3	3
taxExempt4	Currency		Y	Tax exempt total of tax number 4	3
taxExempt5	Currency		Y	Tax exempt total of tax number 5	3
taxExempt6	Currency		Y	Tax exempt total of tax number 6	3
taxExempt7	Currency		Y	Tax exempt total of tax number 7	3
taxExempt8	Currency		Y	Tax exempt total of tax number 8	3
reopenFlag	Boolean		Y	Check reopen flag value: t, true, 1 = True f, false, 0 = False	4

Guest Check Line Item Data Set

Name	CheckDtlGeneric
Version	5
Description	Includes guest check line items or transaction line items.
Preprocessing Required	None
Selection Criteria	Any guest check with activity during this period.

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDate	Date		N	Business date of the transaction.	1
chkId	Integer		N	Guest check identification that is the same number in the CheckTtl data set.	1
opnDt	Datetime		N	Date and time the check was opened. Matches the information in the checkTtl record for the same check.	1
transDt	Datetime		N	Transaction date and time. This should be between the check OpnDt and ClsdDt.	1
rvc	Integer		Y	Revenue center	1
lnNum	Integer		N	Transaction line number	1
type	Char		Y	M = menu item D = discount S = service chg T = tender R = reference	1
recNum	Integer		Y	Item number (types M, D, S, T). References the item number for the relevant type (that is, T=tender type).	1
ttl	Currency		Y	Line total (types M, D, S, T). Inclusive of inclusive taxes such as VAT but exclusive of add on tax.	1
cnt	Integer		Y	Line count (types M, D, S, T). Quantity of item for this line.	1

Name	Type	Length	Null	Description	Dataset Version
pLvl	Integer		Y	Type M only for price Level	1
altTtl	Currency		Y	Type M for cost	1
vdFlg	Integer		Y	Void flag: 1 = void 0 = non-void 2 = Error Correct Types M, D, S, T	1
vdRc	Integer		Y	Optional void reason code	1
ref1	String	20	Y	Reference line 1. If type T and credit card transaction, should contain the credit card number.	1
ref2	String	40	Y	Type T only. If credit card, should be the customer name	1
trEmp	Integer		Y	Transaction employee	1
authEmp	Integer		Y	Authorizing employee (types M, D, S, T)	1
ot	Integer		Y	Optional order type number	1
uws	Integer		Y	Optional user workstation number	1
seat	Integer		Y	Optional seat number for TSR	1
rtnFg	Integer		Y	1 = return 0 = not return	2
rptTtl	Currency		Y	This is what will report. If you are reporting on net, this is the net of VAT. If you are reporting on gross, this includes VAT. This may be the same as Ttl.	3
rptCnt	Integer		Y	Report count. Represents the count to be reported. This can be the same as Cnt.	3
activeTaxes	Integer		N	Decimal representation of an 8-bit binary where 1 indicates tax in use. For example, if only tax 1 was in use, the binary value is 10000000 and the decimal value reported is 128.	4
rptInclTaxTtl	Currency		N	Inclusive tax applied to this transaction	4

Name	Type	Length	Null	Description	Dataset Version
rptInclTax TtlExt	Currency		N	Inclusive tax applied to this transaction with extended precision	4
inclTaxFor	Currency		N	Inclusive tax forgiven	4
dtlId	Integer		N	Identifier for this line of detail, which is unique within the check. Should start at 1 or greater. Zero is considered to have no ID present.	5
parentDtlI d	Integer		N	Reference to an affected dtlId. For example, an item discount would reference the dtlId of the affected item.	5

If the transaction is a void, the Ttl and Cnt columns should be negative.

Change should be represented as a second cash tender of the check with a negative Ttl.

If the transaction is a discount, the Ttl should be negative.

If the transaction is a void of a discount, the Ttl should be positive and the Cnt should be negative.

Price level should be consistent between the menu item price collections and the transactions; that is, if price levels are not used, they should be set to 1 in both the menu item price definitions and in the transactions.

Transfer Guest Checks Data Set

Name	CheckXferGeneric
Version	1
Description	Includes guest check transfer transactions for TSR only. Provide blank CheckXferGeneric data set for other applications.
Preprocessing Required	None
Selection Criteria	Any check transfer occurring during this period.

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDt	Date		N	Business date of the transaction.	1
chkId	Integer		N	Guest check identification that is the same number used in the CheckTtl data set.	1
opnDt	Datetime		N	Date and time the check was opened. This should match the information in the checkTtl record for the same check.	1
rvc	Integer		Y	Optional revenue center number	
emp	Integer		Y	Employee number	
trDt	Datetime		N	Transaction date time	
type	Integer		N	Transfer type: 1 = Xfer 2 = add	
ttl	Currency		N	Check total	
fromChkId	Integer		N	Original check ID	
fromOpnDt	DateTime		N	Original check open date and time	
fromRvc	Integer		Y	Original revenue center	
fromEmp	Integer		Y	Original employee	
uws	Integer		Y	Optional workstation number	

Non-Sales Data Set

Name	NonSalesGeneric
Version	1
Description	Includes non-sales transaction information.
Preprocessing Required	None
Selection Criteria	Any no-sale, training, paid-in, paid-out or cancel transaction.

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDt	Date		N	Business date	1
rvc	Integer		Y	Optional revenue center number	1
type	Integer		N	1 = Training 2 = No Sale 3 = Paid In 4 = Paid Out 5 = Cancel Transaction	1
chkNum	Integer		Y	The check number for types 1 and 5	1
uws	Integer		N	Workstation number	1
trDt	DateTime		N	Transaction date and time	1
trEmp	Integer		N	Transaction employee	1
tmed	Integer		Y	Tender number	1
Ttl	Currency		Y	The total for types 1, 3, 4, and 5	1
ref	String	40	Y	Reference information for types 3 and 4	1
rsn	Integer		Y	Optional reason code	1

Training Data Set

Name	TrainingGeneric
Version	1
Description	Includes training transaction information.
Preprocessing Required	None
Selection Criteria	Any training total occurring during this period where the check is closed.

Column definitions:

Name	Type	Length	Null	Description	Dataset Version
busDt	Date		N	Business date of the transaction	1
rvc	Integer		Y	Optional revenue center number	1
chkNum	Integer		N	The training check number	1
trDt	DateTime		N	Transaction date and time	1
trEmp	Integer		N	Transaction employee	1
ttl	Currency		N	The check total	1