

## 20.03. Field descriptions

The following tables list the main data tables in mSupply (there are some others, but we're not telling you about those!). This information will help you if you are building your own reports.

Note that if a field is indexed, finding information (querying) using that field will be very quick.

### Main tables

Table	Description
<a href="#">Transactions</a>	A transaction record is stored for each invoice
<a href="#">Transaction lines</a>	one transaction line record is created for each line on an invoice
<a href="#">Items</a>	An item record is created for each product or service purchased or supplied
<a href="#">item_line</a>	Each batch of stock at a particular location has one item_line record
<a href="#">Names</a>	Each patient, customer or supplier has one name record
<a href="#">Purchase Orders</a>	One record is created for each purchase order to a supplier
<a href="#">Purchase Order Lines</a>	Each record is an order for one item on a purchase order
<a href="#">Quotes and Quote Lines</a>	Quotations submitted by suppliers
<a href="#">Tenders and Tender Lines</a>	Tenders created to invite quote submissions from suppliers
<a href="#">Requisitions</a>	Tables that store customer submitted stock and order data
<a href="#">Stock take and Stock take lines</a>	Stock takes and their related records
<a href="#">Store</a>	Information about a particular virtual store
<a href="#">Drug_Register</a>	Drug Registration records (for use in the Drug Registration module)
<a href="#">Aggreggator</a>	Stored metrics for use in reports

### Foreign Keys

[Get your Foreign Keys here.](#)

### Other tables

Table	Description
<a href="#">Abbreviations</a>	Stores abbreviation codes and their expansion for dispensing directions
<a href="#">Account_code</a>	Stores account codes associated with each item
<a href="#">Authorisations</a>	Tables that store authorisers and pending authorisations
<a href="#">Backorders</a>	One record for <i>Customer</i> backorder.
<a href="#">Bill of Materials</a>	One record for each mSupply user
<a href="#">Contacts</a>	One record for each contact
<a href="#">Currency</a>	One record for each curency
<a href="#">Drug interactions</a>	Drug interactions and Drug interaction groups
<a href="#">Item Categories</a>	One record for item category
<a href="#">Labels</a>	Miscellaneous labels
<a href="#">Location</a>	Each record contains one shelf location.

Table	Description
<a href="#">Log</a>	Each record contains one event recorded by mSupply
<a href="#">Users</a>	One record for each mSupply user
<a href="#">Item Departments</a>	The departments that an item can be assigned to
<a href="#">Item Directions</a>	The default directions that are assigned to items
<a href="#">Item notes</a>	The notes that are attached to items
<a href="#">Item Warning Link</a>	A join table that stores which items have which warnings
<a href="#">Name category tables</a>	Tables that store the categories that can be assigned to names (customers, suppliers, donors, manufacturers etc.)
<a href="#">Prescribers</a>	One record for each prescriber
<a href="#">Regimen records, Regimen and Regimen Lines</a>	Everything to do with storing ARV regimen records
<a href="#">Reminders</a>	A reminder is an event with a due date- like a to-do
<a href="#">Stores</a>	Stores and join tables that control access per-store
<a href="#">Warnings</a>	The warnings which can be attached to items
<a href="#">Custom stock fields</a>	Holds the details of the values that are selectable in the 5th - 8th user fields when receiving stock

## Tables used internally that you most likely shouldn't be interested in

Table	Description			
<a href="#">Number and Number re-use</a>	Stores serial numbers such as invoice numbers			
Preferences	The data for each preference is in binary format. You're not interested.			
Item store join				
Field name	Description	Type	Length	Ind
Note that records are created for each item- there should always be one record for each item in each store				
id		Text		
store_ID		Text		
item_ID		Text		
inactive	true means item is not visible in this store. False means it is visible	bool		
Name store join				
Field name	Description	Type	Length	Ind
Note that records are only created as needed- that is a missing record implies the name is invisible for that store				
id		Text		
store_ID		Text		
name_ID		Text		
inactive	true means name is not visible in this store. False means it is visible	bool		
Name group				
Field name	Description	Type	Length	Ind
id		Text		
name		Alpha	40	
Name note				
Field name	Description	Type	Length	Ind
note type		Alpha	3	

Name note				
Field name	Description	Type	Length	Ind
entry_date		Date		
note		Text		
name_key		Alpha	8	
id		Text		

Permissions				
Field name	Description	Type	Length	Ind
item_dept_id		Text		
name_group_id	Stores which name groups have permission to be supplied which item departments	Text		
Prefs				
Field name	Description	Type	Length	Ind
item	Internally used: storing preferences of text type(Now deprecated in favour of pref blob)	Alpha	20	
value		Alpha	60	

Reports				
Field name	Description	Type	Length	Ind
report_name		Alpha	80	
report_blob		BLOB		
owner_ID		Text		
id		Text		
last_updated		Date		

## Ship method

Field name	Description	Type	Length	Ind
id		Text		
method		Alpha	80	

## Sync out

Field name	Description	Type	Length	Ind
id		Text		
type	I=insert, U=update, D=delete, M=merge, T=transfer	Alpha	2	
record_id	ID of the record to be synced	Text		
to_from_id	sync site ID to send the record	Long		
store_id	if store-specific data, the store ID for the record. For example a remote sync site might have multiple stores. If this sync_out record is for a transact record, the Store_ID that it's for. Can be blank	Text		
record_data	(deprecated)	BLOB		
table_num	Internal table number of the record	Long		
sequence	Integer for correct sync ordering	Long		
table_id_num	Internal field number for the ID field of the record's table	Long		
merge_ID_to_keep	ID of record being kept in merge	Text		
merge_ID_to_delete	ID of record being deleted in merge	Text		

## Transaction category

Field name	Description	Type	Length	Ind
id		Text		
category		Alpha	80	
type	"ci" for customer invoices "pi" for prescriptions "cc" for customer credits "si" for supplier invoices "sc" for supplier credits "sr" for repacks "bu" for builds "in" for inventory adjustments	Alpha	3	

## Transaction Notes

Field name	Description	Type	Length	Ind
id		Text		
note		Text		

## Units

Field name	Description	Type	Length	Ind
id		Text		
units		Alpha	60	
comment		Text		

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