

# Meter Over Short vs. DEX Over Short

## Meter Over Short (Meter O/S): a "low resolution" view into money irregularities

- uses "top-level" information about total unit sales and total revenue and compares that to what the money room counted from the cash bag at the last collect visit
- Gimme VMS assumes Meter readings are **cash** meters.
  - There are a small number of older machines that report the number of vends instead.
  - Gimme VMS is not designed to support those machines.
  - Operators using those machines will not be able to calculate Accountability.

## Meter O/S can help inform you and your management team about irregularities happening in the coin mech. For example:

- Overage reflects more money coming out than went in to the coin mech.
- Shortage reflects more money going in than came out of the coin mech.

If you see a pattern of **overage**, this suggests:

- coin mech is not refilled by route driver at the vend visit and is running low,
- money is paying out of the coin mech, but money is going into the coin box instead of the coin mech, or
- the machine isn't accepting coins but is giving change, and a service technician is required to fix.

If you see a pattern of **shortage**, this suggests:

- the route isn't physically adding coins to the coin mech after indicating they are in Gimme Field (for example: "buying" \$10.00 of change in iPad, but physically putting coins in pocket),
- the coin mech was tampered with (route driver is taking money from coin mech), and coins are still sent to coin mech tubes but does not show coins paid out,
- route driver is taking too long to refill coin mech, so they end up refilling more than was paid out in current vend visit, or
- refund is recorded, but Meter hasn't had overage, making the refund suspect for theft.

# Meter O/S Calculation =

Actual Counted Cash

- (Value of All Paid Vends Since Initialization Current DEX - Value of All Paid Vends Since Initialization Previous DEX)

**Actual Counted Cash** — physical bills and coins added together from a single bag in the money room

**Value of All Paid Vends Since Initialization** — DEX file VA1 field, total cash and cashless sales from consumers

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Visit Details

6 > Collect

9 > Vending

< Nov 30

Dec 03, 2021

Dec 07 >

Filled

Customer

Location

DEX >

Meters Info >

Media

Meter Reading

✓ 95.86 %

Corp >

Low

Show (1) >

19322775

Meter O/S

Product O/S

DEX O/S

Refunds

Change

Cashless DEX Sales

Estimated Total Sales

Counted Cash

Cash from DEX

Bag

-\$0.65 ↓

-\$2.00 ↓

\$0.20 ↓

\$0.00 >

\$0.00 >

\$85.90 >

\$127.75

\$41.20

\$127.75

44092

Current Status

Pick Order

Save to XLS

Code ↓	Product	Prev→Start Balance	Add	Sold	Sales	Spoiled/Removed	Variance	End	Price	Par	Bring Back	Edit
A0	Cheeto Cheddar Popcorn	10 → 9	2	1	\$0.85	0/0	0	11	\$0.85	11	0	N
A2	Herr's Creamy Ranch Habanero SS	13 → 11	4	2	\$1.70	0/0	0	15	\$0.85	15	0	N
A4	Chester Flaming Hot Fries LSS	10 → 0	11	10	\$8.50	0/0	0	11	\$0.85	11	0	N
A6	Fritos Reg LSS	12 → 9	3	3	\$2.55	0/0	0	12	\$0.85	13	0	N
A8	Toasted Veggie Wheat Thins LSS	12 → 12	1	0	\$0.00	0/0	0	13	\$0.85	13	0	N
B0	Flamin Hot Cheetos LSS	13 → 6	8 → 5	7	\$5.95	0/0	0	11	\$0.85	15	3	N
B2	Ruf Ched & SC LSS	12 → 6	4	6	\$5.10	0/0	0	10	\$0.85	13	0	N

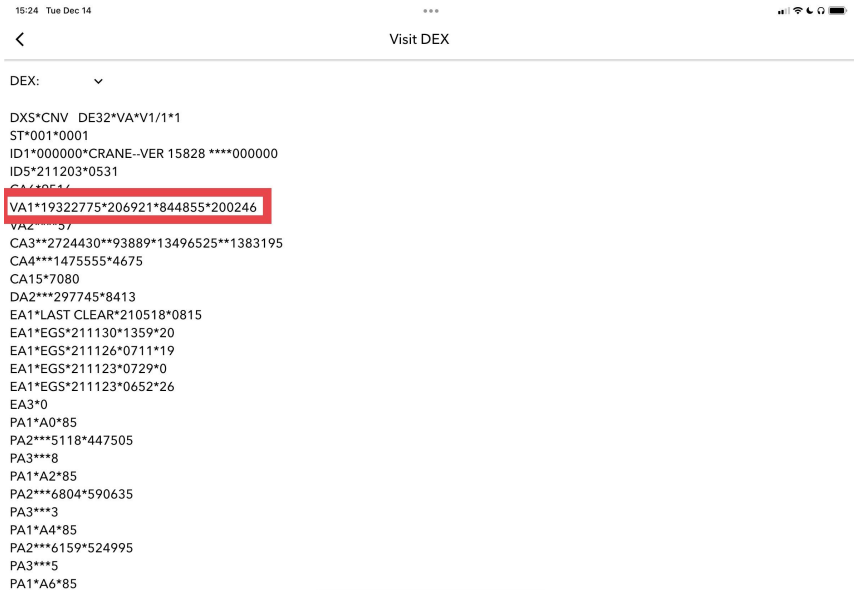
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Visit DEX

machine	Machine Serial Number	000000
	Machine Model Number	CRANE-VER 15828
	Machine Build Standard	-
	Machine Location	-
	User Defined Field	-
	Machine Asset Number	000000
cash	Value of Cash In Since Last Reset	\$0.00
	Value of Cash To Cash Box Since Last Reset	\$27,244.30
	Value of Cash To Tubes Since Last Reset	\$0.00
	Value of Bills In Since Last Reset	\$938.89
	Value of Cash In Since Initialisation	\$134,965.25
	Value of Cash To Cash Box Since Initialisation	\$0.00
	Value of Cash To Tubes Since Initialisation	\$13,831.95
	Value of Cash Dispensed Since Last Reset	\$0.00
	Value of Cash Manually Dispensed Since Last Reset	\$0.00
	Value of Cash Dispensed Since Initialisation	\$14,755.55
	Value of Cash Manually Dispensed Since Initialisation	\$46.75
	Value of Tube Contents	\$70.80
values	Value of All Paid Vends Since Initialisation	\$193,227.75
	Value of All Paid Sales Since Last Reset	\$8,448.55
	Number of All Paid Vends Since Last Reset	200246
	Test Vend Value Of Sales Since Initialisation	\$0.00
	Number of Test Vends Since Initialisation	-
	Test Vend Value Of Sales Since Last Reset	\$0.00
	Number of Test Vends Since Last Reset	57
cashless	Value of Cashless 1 Sales Since Initialisation	\$0.00
	Number Of Cashless 1 Vends Since Initialisation	-
	Value of Cashless 1 Sales Since Last Reset	\$2,977.45
	Number of Cashless 1 Vends Since Last Reset	8413
Events	Events	EA3



## DEX Over Short (DEX O/S): a "high resolution" view into money irregularities:

- uses information from the last two DEX files (total revenue, coins expected, and bills expected) and what your money room counted from the cash bag from the last collect visit
- informs the current coin mech balance (used to track what the coin mech should have vs. what the driver said they added)

DEX O/S can help inform you and your management team about three types of common problems:

- physical issues (a coin jam preventing the coin mech from being refilled with new coins)
- driver errors (a driver forgetting to enter information about a refund they gave a customer into the software)
- theft (from the bill box, coin mech, a driver "buying change" for the mech but not placing it, or selling your products on their own)

### DEX O/S Calculation =

Actual Counted Cash

- ((Value of Bills In Since Initialization Current DEX - Value of Bills In Since Initialization Previous DEX)

+ (Value of Cash to Cash Box In Since Initialization Current DEX - Value of Cash to Cash Box In Since Initialization Previous DEX))

**Actual Counted Cash** — physical bills and coins added together from a single bag in the money room

Value of Bills In Since Initialization — DEX file CA3 field, physical bills added to machine by consumers

Value of Cash to Cash Box In Since Initialization — DEX file CA3 field, physical coins added to machine by consumers

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Visit Details

6 > Collect

9 > Vending

< Nov 30Dec 03, 2021Dec 07 >

Snack

Filled 

✓ 95.86 %

Customer Corp >

Location Lowe

DEX >

Meters Info >

Media Show (1) >

Meter Reading 19322775

Meter O/S - \$0.65 ↓

Product O/S - \$2.00 ↓

DEX O/S 

\$0.20 ↓

Refunds \$0.00 >

Change \$0.00 >

Cashless DEX Sales \$85.90 >

Estimated Total Sales \$127.75

Counted Cash \$41.20

Cash from DEX \$127.75

Bag 44092

Current Status

Pick Order

Save to XLS

Code	Product	Prev→Start Balance	Add	Sold	Sales	Spoiled/Removed	Variance	End	Price	Par	Bring Back	Edi
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Visit DEX

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	Machine Location	-
	User Defined Field	-
	Machine Asset Number	000000
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	Number of All Paid Vends Since Initialisation	206921
	Value of All Paid Sales Since Last Reset	\$8,448.55
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	Test Vend Value Of Sales Since Initialisation	\$0.00
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	Number of Cashless 1 Vends Since Last Reset	8413
Events	Events	EA3

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Visit DEX

DEX: ▾

DXS\*CNV DE32\*VA\*V1/1\*1  
ST\*001\*0001  
ID1\*000000\*CRANE-VER 15828 \*\*\*\*000000  
IDS\*211203\*0531  
CA6\*9516  
VA1\*19322775\*206921\*844855\*200246  
VA2\*57  
CA3\*2724430\*93889\*13496525\*1383195  
CA15\*7080  
DA2\*\*\*297745\*8413  
EA1\*LAST CLEAR\*210518\*0815  
EA1\*EGS\*211130\*1359\*20  
EA1\*EGS\*211126\*0711\*19  
EA1\*EGS\*211123\*0729\*0  
EA1\*EGS\*211123\*0652\*26  
EA3\*0  
PA1\*A0\*85  
PA2\*\*\*5118\*447505  
PA3\*\*\*8  
PA1\*A2\*85  
PA2\*\*\*6804\*590635  
PA3\*\*\*3  
PA1\*A4\*85  
PA2\*\*\*6159\*524995  
PA3\*\*\*5  
PA1\*A6\*85