Wedge Data Dictionary

# Wedge Transaction Data Columns

1. datetime: timestamp of the transaction-row creation
2. register\_no: register for transaction
3. emp\_no: employee number for cashier
4. trans\_no: transaction number. This number counts up by day and is only unique when combined with date, register and employee.
5. Upc: Universal Product Code for the item. 0 for non-items.
6. description: product description. Includes things like Tax, Tender type, etc.
7. trans\_type: One of five values (D, G, A, T, and I). These correspond to the following types of transactions:
   * D: Departmental rings, when the cashier just selects a department for the item.
   * G: Green patch donations. This is the donation made for shoppers who bring their own bag.
   * A: Tax
   * T: Tender, the payment row.
   * I: Items, but also includes discounts.
8. trans\_subtype: There are a lot of these. Key ones include methods of payment (CK for Check, CA for Cash, CP for coupon, EF for EBT Food Stamps[[1]](#footnote-1), WC for WIC). These are often blank for other trans\_type values.
9. trans\_status: *An important field*.The field trans\_status tells us more about the types transactions. Here are the possible values:
   * Blank: The typical value.
   * M: Member discounts.
   * V: Voids
   * C: Coupons
   * 0: Honestly, I think these are supposed to be blanks but they changed from 0s at some point in February 2010.
   * R: Returns.
   * J: Juice club cards
10. department: The *number* of the department. See the next appendix for a department lookup table.
11. quantity: The purchased quantity. Beware, some items such as flowers and bulk vegetables are priced per cent and then sold in very large quantities (like 1000 for a $10 bouquet.)
12. Scale: The reading on the scale. Note that the capital here is not a typo. This is one field that weirdly has a capital first letter.
13. cost: the per-unit cost of an item *to the Wedge*. This is not uniformly populated.
14. unitPrice: the per-unit cost of an item *to an owner.* Negative for things like returns and discounts.
15. total: price times quantity. The cost of the line item. Note that this can be negative because unitPrice can be negative.
16. regPrice: The regular price of an item. May be different from unitPrice but unitPrice plus discount should be regPrice.
17. altPrice
18. tax: an indicator of whether or not the item is taxable.
19. taxexempt: mostly zero.
20. foodstamp: can the item be purchased with food stamps?
21. wicable: can the item be purchased with WIC?
22. discount: a marker of any discounts.
23. memDiscount: the member discounts on items.
24. discountable: beats me.
25. discounttype: there’s probably information in here, but I haven’t decoded it.
26. voided: I think it’s used if an item is a void or if an item was run up and subsequently voided.
27. percentDiscount: I don’t use it.
28. ItemQtty: I’m not sure what this is.
29. volDiscType: Ditto
30. volume: Ditto
31. VolSpecial: Ditto
32. mixMatch: Ditto
33. matched: Ditto
34. memType: Mostly NULL or 1, but I’m not sure what it signifies. Maybe institutional memberships?
35. staff: indicative of staff transactions perhaps?
36. numflag: A complicated bitflag that encodes a bunch of other information. I’ll add the communication on this topic to an appendix below, but it’s not critical for our purposes.
37. Itemstatus: Don’t know
38. tenderstatus: Ditto
39. charflag: Ditto
40. varflag: Ditto
41. batchHeaderID: Ditto
42. local: is the item local?
43. organic: is the item organic?
44. display: Don’t know.
45. receipt: Ditto
46. card\_no: ***This one is important*.** This is the masked owner number for the transaction. It is an integer. If the value is 3, then the transaction is for a non-owner. You’ll find some owners (like 11572) that have a huge number of transactions. These are likely other co-ops. If you are a member of, say, the Seward Co-op you can receive discounts at the Wedge. The cashier selects your co-op and the receipt is flagged as being from that co-op.
47. store: 1 for the main store and 512 for catering.
48. branch: 0 for the main store and 3 for the Wedge Table, a grab-and-go bodega they opened in January 2015.
49. match\_id: don’t know
50. trans\_id: a counter that increments the line items of a receipt.

# Department Lookups

|  |  |
| --- | --- |
| **department** | **dept\_name** |
| 1 | PACKAGED GROCERY |
| 2 | PRODUCE |
| 3 | BULK |
| 4 | REF GROCERY |
| 5 | CHEESE |
| 6 | FROZEN |
| 7 | BREAD |
| 8 | DELI |
| 9 | GEN MERCH |
| 10 | SUPPLEMENTS |
| 11 | PERSONAL CARE |
| 12 | HERBS&SPICES |
| 13 | MEAT |
| 14 | JUICE BAR |
| 15 | MISC P/I |
| 16 | FISH&SEAFOOD |
| 17 | BAKEHOUSE |
| 18 | FLOWERS |
| 19 | WEDGEWORLDWIDE |
| 20 | MISC P/I - WWW |
| 21 | CATERING |
| 22 | BEER & WINE |

1. I think… [↑](#footnote-ref-1)