Pharmacy Benefits Management (PBM) User Manual



**Software Version 4.0**

**Revised July 2014**

**June 2005**

**Department of Veterans Affairs**

**Office of Information and Technology (OI&T) Product Development**

#  Revision History

Each time this manual is updated, the Title Page lists the new revised date and this page describes the changes. If the Revised Pages column lists “All,” replace the existing manual with the reissued manual. If the Revised Pages column lists individual entries (e.g., 25, 32), either update the existing manual with the Change Pages Document or print the entire new manual.

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Revised Pages** | **Patch Number** | **Description** |
| 7/2014 | i, 19, 27, 36,45, 56, 72,78, 83, 85-88, 90-92,95, 101,106, 111 | PSU\*4\*19 | Revised title page.Updated Inpatient and Outpatient Extracts to include a new Code Set Indicator field in sections 4.8.1 and 4.9.1, and include ICD10 in Data Element field name.Updated MailMan Message examples to reflect the addition of Code Set Indicators.Changed all instances of “double up arrow (^^)” to “up arrow (^)” within MailMan message descriptions.REDACTED |
| 1/2008 | 6-9 | PSU\*4\*12 | Move a Note from section 3.5 to section 3.2 and 3.3 to correspond with a change in patch PSU\*4\*12 that moves the trigger of the Patient demographic purge from the Retransmit Patient Demographic Data option to the PSU PSM Manual option and to the PSU PBM Auto option.REDACTED |
| 12/2006 | 100-102 | PSU\*4\*10 | Updated Allergies/Adverse Events Information Statistics chart in section 4.11.1 Statistics Format and updated the example of the MailMan messages in section 4.11.2 Example MailMan Messages for patch PSU\*4\*10.REDACTED |
| 02/2006 | iv, 115-132 | PSU\*4\*3 | PBM Extract Enhancements #3 project. Added Section 5. to Table of Contents. Added Section 5. HL7 Messages and 5.1. Data Specifications. Updated Glossary to include definitions of HL7 and HLO, and for page numbering purposes. Updated Index to include items from new section on HL7 Messages, and for page numbering purposes.REDACTED |
| 06/2005 | All |  | Original Release of PBM V. 4.0 User Manual REDACTED |

*(This page included for two-sided copying.)*

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# MailMan Messages

This section describes how the data is extracted and formatted into the MailMan messages. The MailMan messages are sent in an up-arrow (^) delimited format. Messages begin and end a dispensing record with a single up-arrow (^). When the package is extracting the data, a check is done on each free text field to see if an up-arrow is part of the text. If an up-arrow is discovered in the text, it will be converted to an apostrophe (').

The subject of each message is composed for easier data manipulation and will look like the following:

## Example: Subject of MailMan Message

Subj: V. 4.0 PBMIV 29810 1/3 499B4 GLRISC [message number], etc., etc.,

* + V. 4.0 Indicates that this data is from PBM V. 4.0.
	+ PBM PBM represents Pharmacy Benefits Management. The next two letters attached represent the package from which the data was extracted.
		- IV – Pharmacy Patient IV Module
		- UD – Pharmacy Patient Unit Dose Module
		- AR – Automatic Replenishment/Ward Stock Module
		- OP – Prescription Module
		- PR – Procurement Module
		- CS – Controlled Substances Module
		- PD – Patient Demographics Module
		- OV – Outpatient Visits Module
		- PTF – Inpatient PTF Records Module
		- PRO – Provider Information Module
		- AA – Allergies/Adverse Events
		- VI – Vitals/Immunizations Information Module
		- LR – Laboratory Module
	+ 29810 The date of the reporting period, in this example October 1998.
	+ 1/3 “1” represents the message number and “3” represents the total number of messages sent from this facility for this particular module. In this example, the header would indicate the first message of a total of 3 messages generated for the IV module.
	+ 499B4 The station number with suffix (broken down to the outpatient clinic or the inpatient division).
	+ GLRISC The name of the facility/outpatient clinic/division.

When the data is being formatted into MailMan messages, additional lines will be added for records exceeding 235 characters. The first character of each additional line will be an asterisk (\*). A record will never be broken within a data piece. If a conversion of MailMan messages is

being performed on a PC in a language such as FoxPro, ProComm, Keaterm, etc., the asterisk at the beginning of a line will inform the user that this line and the previous line should be concatenated together, thus validating the definitions of the delimited fields explained later in this document.

A confirmation message will be generated whenever the program extracts data to be transmitted to the PBM section REDACTED for addition to the national database. Only those packages with requested data to be extracted will be listed. If no data is found for a package, the confirmation will list the module with “0” lines extracted and “1” message transmitted. A MailMan message will be generated if the extract program did not find any data for a specific module.

Example confirmation messages are provided in the MailMan Messages section of this manual.

If the *Automatic Pharmacy Statistics* option or *Manual Pharmacy Statistics* option complete successfully, a PBM Timing report is generated. This report displays the start and stop date/time of each extract and a final calculation of how long it took to run. Examples are provided in the MailMan Messages section of this document.

**Note**: Extract times will vary depending on the system performance, the time extract is run (early in the morning or on a weekend versus in the middle of the day), and the amount of data extracted.


## 4.1.2. Example MailMan Messages

A MailMan message is constructed in an up-arrow (^) delimited format. The following is an example of the first (parent) data record sent for an IV order. Each IV additive and solution within an order will be sent as a separate data record.

**Example: IV – Detail Report Message**

|  |  |  |
| --- | --- | --- |
| Subj: V. 4.0 PBMIV 30109 1/1 605 JERRY L PETTIS VAMC | [#10684] |  |
| 11/16/04@19:00 7132 lines |  |
| From: PBMPHARMACIST,FOUR In 'IN' basket. Page 1 |  |
| ^605^3010901^120^P^A^N^000006404^11 ml/hr^000002705^1^RANITIDINE HCL 25MG/ML IN |
| J^GA301^00173-0363-39^^1^0^RANITIDINE (ZANTAC)^A^RANITIDINE HCL 25MG/ML INJ 10M |
| L VI^MG^.0362^150^^6^1002929700V843567^13868^3010901^1^0^0^0^150^0^0^0^ |
| ^605^3010901^120^^^^000006404^11 ml/hr^000002705^^SODIUM CHLORIDE 0.9% INJ^TN10 |
| 2^00264-1400-20^^1^0^0.9% NACL^S^SODIUM CHLORIDE 0.9% INJ 250ML^ML^0^250^^6^100 |
| 2929700V843567^^3010901^^^^^250^0^0^0^ |
| ^605^3010831^7^P^P^N^000007287^Q24H^000002224^1^CEFTRIAXONE NA 1GM/VIL INJ^AM10 |
| 3^00004-1964-01^^1^0^CEFTRIAXONE SOD INJ^A^CEFTRIAXONE SOD 1GM INJ VI^GM^19.01^ |
| 2^^6RO^1002931500V483685^11247^3010901^1^0^0^0^2^0^0^0^ |
| ^605^3010831^7^^^^000007287^Q24H^000002224^^SODIUM CHLORIDE 0.9% INJ^TN102^0033 |
| 8-0049-18^^1^0^0.9% NACL^S^SODIUM CHLORIDE 0.9% INJ 100ML^ML^0^100^^6^100293150 |
| 0V483685^^3010901^^^^^100^0^0^0^ |
| ^605^3010831^124^P^P^Y^000003563^Q48H^000004287^1^GENTAMICIN SO4 40MG/ML INJ^AM |
| 300^63323-0010-20^^1^0^GENTAMICIN^A^GENTAMICIN SULFATE 40MG/ML INJ^MG^.0015^70^ |
| ^6^1001835792V911934^4081^3010901^1^0^0^0^70^0^0^0^ |
| ^605^3010831^124^^^^000003563^Q48H^000004287^^SODIUM CHLORIDE 0.9% INJ^TN102^00 |
| 338-0049-18^^1^0^0.9% NACL^S^SODIUM CHLORIDE 0.9% INJ 100ML^ML^0^100^^6^1001835 |
| 792V911934^^3010901^^^^^100^0^0^0^ |
| Enter RETURN to continue or '^' to exit: |

Subj: V. 4.0 PBMIV 30109 1/1 605 JERRY L PETTIS VAMC [#10684] Page 2

^605^3010831^21^P^P^N^000002676^QD^000003129^1^LEVOFLOXACIN 25MG/ML INJ^AM900^0 0045-0068-01^^0^0^LEVOFLOXACIN^A^LEVOFLOXACIN 25MG/ML INJ^MG^.038^500^^6^100293

1930V108442^11037^3010901^1^0^0^0^500^0^0^0^

^605^3010831^21^^^^000002676^QD^000003129^^DEXTROSE 5% INJ^TN101^00338-0017-18^

^1^0^D5W^S^DEXTROSE 5% IN WATER 100ML INJ^ML^0^100^^6^1002931930V108442^^301090

1^^^^^100^0^0^0^

^605^3010901^16^P^A^N^000004708^62 ml/hr^000001783^1^MAGNESIUM SO4 4MEQ/ML INJ^ TN406^00517-2602-25^^1^0^MAGNESIUM SULFATE^A^MAGNESIUM SULFATE 50% INJ 2ML^MEQ^

.18^16^^6^1002194529V799884^9883^3010901^1^0^0^0^16^0^0^0^

^605^3010901^16^^^^000004708^62 ml/hr^000001783^^SODIUM CHLORIDE 0.9% INJ^TN102

^00264-1400-20^^1^0^0.9% NACL^S^SODIUM CHLORIDE 0.9% INJ 250ML^ML^0^250^^6^1002 194529V799884^^3010901^^^^^250^0^0^0^

^605^3010901^4^P^P^N^000007971^A24H^000008484^1^LEVOFLOXACIN 25MG/ML INJ^AM900^ 00045-0068-01^^0^0^LEVOFLOXACIN^A^LEVOFLOXACIN 25MG/ML INJ^MG^.038^500^^6^10029

74553V713729^13892^3010901^1^0^0^0^500^0^0^0^

^605^3010901^4^^^^000007971^A24H^000008484^^DEXTROSE 5% INJ^TN101^00338-0017-18

^^1^0^D5W^S^DEXTROSE 5% IN WATER 100ML INJ^ML^0^100^^6^1002974553V713729^^30109

01^^^^^100^0^0^0^

^605^3010901^5^P^P^N^000007971^A24H^000008484^1^LEVOFLOXACIN 25MG/ML INJ^AM900^ 00045-0068-01^^0^0^LEVOFLOXACIN^A^LEVOFLOXACIN 25MG/ML INJ^MG^.038^500^^6^10029

**Example: IV - Statistical Data Message**

|  |  |
| --- | --- |
| Subj: V. 4.0 PBMIV 30109 605 JERRY L PETTIS VAMC [#7569] 07/16/04@14:39139 linesFrom: PBMPHARMACIST,FIVE In 'IN' basket. Page 1 |  |
| IV Statistical Data for SEP 1,2001 through SEP 30,2001Drug Total NumberDrug Name Strength Dispensed of bags |  |
| ACYCLOVIR NA 500MG/VI INJ MG 5600.00 7ALBUMIN HUMAN 25% USP 50ML VI ML 350.00 4ALEMTUZUMAB 10MG INJ \*# MG 220.00 8ALPHA 1-PROTEINASE INHIBITOR(HUMAN) \*# MG 47319.00 9ALTEPLASE RECOMBINANT 50MG INJ W/DIL VI MG 252.00 25AMIKACIN SULFATE 250MG/ML INJ MG 30250.00 35AMINO ACID III 10% 1000ML ML 258930.00 267AMINOCAPROIC ACID 250MG/ML INJ 20ML VI MG 84000.00 14AMIODARONE HCL 50MG/ML, 3ML AMP MG 900.00 2AMPHOTERICIN B 50MG INJ VI MG 1675.00 35AMPHOTERICIN B LIPOSOME 50MG INJ \*# MG 8100.00 18AMPICILLIN NA 1GM/VI INJ GM 2704.50 210AMPICILLIN NA/SULBACTAM NA 1.5GM/VI INJ GM 1105.50 375 |

|  |
| --- |
| Subj: V. 4.0 PBMIV 30109 605 JERRY L PETTIS VAMC [#7569] Page 2 |
| AMPICILLIN NA/SULBACTAM NA 3GM/VI INJ | GM | 123.00 | 41 |
| CALCIUM GLUCONATE 10% INJ 100ML VI | MEQ | 2861.00 | 267 |
| CALCIUM GLUCONATE 10% INJ 10ML VI | MEQ | 144.15 | 22 |
| CARBOPLATIN 150MG INJ VI | MG | 5250.00 | 13 |
| CEFAZOLIN NA 1GM/VI INJ | GM | 1520.50 | 1152 |
| CEFOTAXIME 1GM INJ VI | GM | 48.00 | 24 |
| CEFOTETAN DISODIUM 1GM INJ VI | GM | 208.00 | 126 |
| CEFOTETAN DISODIUM 2GM INJ VI | GM | 7.00 | 7 |
| CEFTAZIDIME 1GM INJ VI | GM | 601.00 | 335 |
| CEFTRIAXONE SOD 1GM INJ VI | GM | 336.00 | 209 |
| CEFTRIAXONE SOD 2GM INJ VI | GM | 8.00 | 4 |
| CIMETIDINE 300MG/2ML INJ VI | MG | 26300.00 | 36 |
| CIPROFLOXACIN 10MG/ML INJ 40ML VI | MG | 52265.00 | 162 |
| CLADRIBINE 1MG/ML INJ 10ML | MG | 30.00 | 3 |
| CLINDAMYCIN PHOS 600MG/4ML INJ AMP | MG | 419800.00 | 533 |
| CO-TRIMOXAZOLE 10ML INJ (SEPTRA INJ) | ML | 21.80 | 1 |
| CYCLOPHOSPHAMIDE 500MG INJ VI | MG | 7400.00 | 11 |
| DACARBAZINE 200MG INJ VI | MG | 1700.00 | 1 |
| DAKINS SOLN MODIFIED HALF STRENGTH \* | ML | 1000.00 | 1 |
| DESMOPRESSIN ACE 4MCG/ML INJ 1ML AMP | MCG | 330.00 | 2 |

|  |
| --- |
| **IV STATISTICS DATA FIELD SPECIFICATIONS** |
| **DATA ELEMENT** | **FILE #** | **FIELD #** | **PIECE # IN RECORD SENT** | **DESCRIPTION** |
| Patient ICN | PATIENT file (#2) | INTEGRATION CONTROLNUMBER field | 21 | Free Text.Example: “1010185893V199552” |
|  |  | (# 991.01) |  |  |
|  |  | ICN CHECKSUMfield (#991.02) |  | If an ICN does not exist, send null. |
|  |  | (Values in both fields are concatenated with a “V”.) |  |  |
| Provider Local IEN | NEW PERSON file (#200) | Internal Entry Number (IEN) | 22 |  |
| Stop Date/Time of | UNIT DOSE | STOP DATE/TIME | 23 |  |
| Order | multiple (#62) within | sub-field (#34) |  |
|  | the PHARMACY |  |  |
|  | PATIENT file (#55) |  |  |
| Dispensed Amount | DISPENSE LOGmultiple (#71) within the UNIT DOSEmultiple (#62) within the PHARMACY PATIENT file (#55) | AMOUNT sub-field (#.03)HOW sub-field (#.05) | 24 | If the HOW sub-field (#.05) is set to “1” from Pick list, “2” Pre-exchange units, or “3” Extra Units dispensed, the AMOUNT sub-field (#.03) for each dispense drug shall be counted. |
|  |  |  |  | The total dispensed amount shall be transmitted. If there is no amount to be counted for the reporting period, a value of “0” shall be transmitted. |
| Returned Amount | DISPENSE LOGmultiple (#71) within the UNIT DOSEmultiple (#62) within the PHARMACY PATIENT file (#55) | AMOUNT sub-field (#.03)HOW sub-field (#.05) | 25 | If the HOW sub-field (#.05) is set to “4” returns, the AMOUNT sub-field (#.03) for each dispense drug shall be counted.The total returned amount shall be transmitted. If there is no returned amount to be counted for the reporting period, a value of “0” shall be transmitted. |

**Note**: Data pieces 2-7 and 21-23 in the table above shall repeat for each unit dose order containing more than one dispense drug. Data pieces 8-20 and 24-25 will hold specific dispense drug information.

Within the UD extract, the DISPENSE DATE/TIME sub-field (#.01), DISPENSE DRUG sub- field (#.02), AMOUNT sub-field (#.03) and HOW sub-field (#.05) within the DISPENSE LOG multiple (#71) within the UNIT DOSE multiple (#62) in the PHARMACY PATIENT file (#55) shall be used to determine what was dispensed or returned. The Unit Dose record, with the current functionality, is not extracted if there is no dispensing activity (nothing dispensed or returned). This requirement shall not change.

## 4.2.2. Example MailMan Messages

A MailMan message is constructed in an up-arrow (^) delimited format. The following is an example of a data record sent. Each dispense drug within an order will be sent as a separate data record (pieces 22-45). Pieces 2-20 will repeat for each unit dose order containing more than one dispense drug.

Within the AR/WS extract, Medical Center Divisions are selected from the MEDICAL CENTER DIVISION file (#40.8) NAME field (#.01). Outpatient Sites are selected from the OUTPATIENT SITE file (#59) NAME field (#.01). The user may select an active or inactive Outpatient Site. \*\*Inactive\*\* shall be displayed next to a selected inactive Outpatient Site.

## 4.3.2. Example MailMan Messages

A MailMan message is constructed in an up-arrow (^) delimited format as shown in the following example.

**Example: AR/WS – Detail Report Message**

|  |  |  |
| --- | --- | --- |
| Subj: V. 4.0 PBMAR 30109 1/1 605 JERRY L PETTIS VAMC | [#7421] |  |
| 07/15/04@16:56 383 lines |  |
| From: PBMPHARMACIST,EIGHT In 'IN' basket. Page 1 |  |
| ^605^^30109^Unknown VA Product Name^CN103^00839-6001-92^ACETAMINOPHEN 650MG RTL |
| SUPP^^^0^EA^0.317^03 or 04^1^12^^9R^12^^ |
| ^605^^30109^Unknown VA Product Name^RE400^00087-0572-03^ACETYLCYSTEINE 20% INHL |
| SOLN^^^0^ML^0.264^06 or 07^1^3^^6^3^^ |
| ^605^^30109^ALBUTEROL 90MCG/SPRAY INHL,ORAL^RE102^59930-1560-01^ALBUTEROL 90MCG |
| 200D ORAL INHL^^1^0^EA^1.650^06 or 07^1^99^^6^99^^ |
| ^605^^30109^ALCOHOL,ISOPROPYL 70% LIQUID,TOP^DE101^00574-0067-16^ALCOHOL ISOPRO |
| PYL 70%^^1^0^ML^0.004^06 or 07^1^88318^^9^88318^^ |
| ^605^^30109^AMIODARONE HCL (CORDARONE) 200MG TAB^CV300^00008-4188-04^AMIODARONE |
| HCL (CORDARONE) 200MG TAB^^1^0^TAB^1.164^06 or 07^1^15^^6RO^15^^ |
| ^605^^30109^COMPOUND BENZOIN CONC LIQUID,TOP^DE900^10648-0800-08^BENZOIN TINCTU |
| RE SPRAY 135GM U4070^^0^0^BT^4.500^06 or 07^1^13^^9^13^^ |
| ^605^^30109^BENZOCAINE 20% SPRAY,TOP^DE700^00283-0679-02^BENZOCAINE 20% TOP SPR |
| AY^^0^0^ML^0.203^06 or 07^60^1683^^6^1683^^ |
| ^605^^30109^BENZOCAINE 20% GEL^NT300^00283-0871-31^BENZOCAINE 20% TOP GEL^^1^0^ |
| GM^4.700^06 or 07^1^6^^9^6^^ |
| ^605^^30109^BISACODYL 10MG SUPP,RTL^RS300^00597-0052-50^BISACODYL 10MG RTL SUPP |
| ^^1^0^EA^0.027^03 or 04^1^62^^9^62^^ |

Subj: V. 4.0 PBMAR 30109 1/1 605 JERRY L PETTIS VAMC [#7421] Page 2

^605^^30109^CALCITRIOL 0.25MCG CAP^VT502^00004-0143-01^CALCITRIOL 0.25MCG CAP^^

1^0^CAP^0.746^06 or 07^1^300^^6^300^^

^605^^30109^COLCHICINE 0.6MG TAB^MS400^00143-1201-10^COLCHICINE 0.6MG TAB^^1^0^

TAB^0.0386^06 or 07^1^16^^6^16^^

^605^^30109^B-TRACIN 400UNT/HC 1%/N-MYCIN 3.5MG/POLYMYX 10000UNT/GM OINT,OPH^OP 350^00081-0196-88^BACITRACIN/HC 1%/NEO/POLYMYX OPH OINT^^1^0^TUBE^11.140^06 or

07^2^140^^6^140^^

^605^^30109^HC 1%/N-MYCIN 3.5MG/POLYMYX 10000UNT/ML SUSP,OTIC^OT250^24208-0635- 62^HC 1%/NEOMYCIN 3.5MG/POLYMYXIN OTIC SUSP^^1^0^ML^0.126^06 or 07^1^6^^6^6^^

^605^^30109^CYANOCOBALAMIN 1000MCG/ML INJ^VT101^00517-0031-25^CYANOCOBALAMIN 10

00MCG/ML INJ^^1^0^ML^0.450^03 or 04^10^160^^6^160^^

^605^^30109^CYCLOPENTOLATE HCL 1% SOLN,OPH^OP600^17478-0100-12^CYCLOPENTOLATE H

CL 1% OPH SOLN^^1^0^ML^0.2713^06 or 07^1^4^^6^4^^

^605^^30109^DACRIOSE SOLN,OPH,IRRG^OP500^00058-0727-15^DACRIOSE OPH IRRG^^0^0^M

L^0.015^06 or 07^30^8^^9^8^^

^605^^30109^DEXAMETHASONE NA PHOSPHATE 4MG/ML INJ,SOLN^HS051^63323-0165-05^DEXA METHASONE SOD PHOS 4MG/ML 5ML VI^^1^0^VI^2.540^03 or 04^5^51^^6^51^^

^605^^30109^DIBUCAINE 1% OINT,TOP^DE700^00143-5012-31^DIBUCAINE 1% OINT^^1^0^GM

^0.026^06 or 07^1^2^^9^2^^

^605^^30109^DIPHENHYDRAMINE HCL 50MG/ML INJ^AH200^00071-4259-03^DIPHENHYDRAMINE

**Example: AR/WS - Data Records Not Broken Down To Outpatient Site or Inpatient Division Message**

Subj: V. 4.0 PBMAR 30109 1/1 605 JERRY L PETTIS VAMC [#8977]

08/18/04@14:06 9 lines

From: PBMPHARMACIST,TEN In 'IN' basket. Page 1

^605^^30109^Unknown VA Product Name^RE400^00087-0572-03^ACETYLCYSTEINE 20% INHL

SOLN^^^0^ML^0.264^06 or 07^1^3^^6^3^^

^605^^30109^ALBUTEROL 90MCG/SPRAY INHL,ORAL^RE102^59930-1560-01^ALBUTEROL 90MCG

200D ORAL INHL^^1^0^EA^1.650^06 or 07^1^8^^6^8^^

^605^^30109^SODIUM CHLORIDE 0.9% SOLN^PH000^49502-0830-05^SODIUM CHLORIDE 0.9%

INHL 5ML^^0^0^5ML^0.071^03 or 04^100^500^^9^500^^

^605^^30109^IPRATROPIUM BR 18MCG/SPRAY AEROSOL,INHL^RE105^00597-0082-14^IPRATRO PIUM BROMIDE 18MCG 200D ORAL INHL^^1^1^EA^17.580^06 or 07^1^8^^6^8^^

^605^^30109^ALBUTEROL 0.5% SOLN,INHL^RE102^0173-0385-58^ALBUTEROL 0.5% INHL SOL

N^^1^0^ML^0.311^06 or 07^1^30^^6^30^^

**Example: AR/WS - Statistical Data Message**

|  |  |
| --- | --- |
| Subj: V. 4.0 PBMAR 30109 605 JERRY L PETTIS VAMC [#7422] 07/15/04@16:56396 linesFrom: PBMPHARMACIST,TWO In 'IN' basket. Page 1 |  |
| Automatic Replenishment/Ward Stock Data SummarySEP 1,2001 through SEP 30,2001 for JERRY L PETTIS VAMCTotal TotalDispensed Dispensed AMISDRUG NAME Units Cost Category |  |
| ABSORB GEL COMP SPONGE STERILE SIZE 24.00 334.87 06 or 07ABSORB GEL SPONGE STERILE SIZE 100 20.00 254.46 06 or 07ABSORB HEMOSTAT 4IN X 8IN PKT # 18.00 356.63 06 or 07ACCU-CHEK COMFORT CURVE HI/LO CONTL 36.00 151.92 06 or 07ACCU-CHEK COMFORT CV(GLUCOSE) TEST 311.00 103.25 06 or 07ACETAMINOPHEN 325MG TAB U/D 1174.00 15.26 03 or 04ACETAMINOPHEN 325MG/10.15ML ELIXIR 170.00 23.29 06 or 07ACETAMINOPHEN 650MG RTL SUPP 12.00 3.80 03 or 04ACETAMINOPHEN 650MG/25ML ELIXIR U/D 11.00 1.48 03 or 04ACETIC ACID 2/HC 1% OTIC SOLN 4.00 0.74 06 or 07ACETYLCYSTEINE 20% INHL SOLN 3.00 0.79 06 or 07 |

*[A portion of this statistical data message has been removed to save space.]*

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Subj: V. 4.0 PBMAR 30109 605 JERRY |  |  | PETTIS VAMC | [#7422] | Page | 20 |  |  |  |
| TROPICAMIDE 1% OPH SOLN |  |  | 310.00 | 456.94 | 06 | or | 07 |  |
| TUBERCULIN PPD 5TU/0.1ML 1ML VIAL | 27.00 | 70.20 | 03 | or | 04 |
| TUBEX INJECTOR, 1 & 2 ML SIZE,PLAST | 14.00 | 28.00 | 06 | or | 07 |
| VERAPAMIL HCL 120MG TAB U/D | 10.00 | 0.76 | 06 | or | 07 |
| VERAPAMIL HCL 240MG SR TAB U/D | 20.00 | 5.38 | 06 | or | 07 |
| VITAMIN E 400 UNT CAP | 20.00 | 0.82 | 06 | or | 07 |
| WARFARIN (COUMADIN) NA 2MG TAB | 16.00 | 2.01 | 06 | or | 07 |
| WARFARIN SOD 5MG TAB U/D | 6.00 | 0.02 | 06 | or | 07 |
| WATER STERILE FOR INJ USP 10ML VI | 10.00 | 1.76 | 06 | or | 07 |
| X-PREP LIQUID 74ML # | 20.00 | 106.00 | 06 | or | 07 |
| ZZDIVALPROEX SODIUM 250MG EC TAB U/ | 26.00 | 8.84 | 06 | or | 07 |
| ZZPSYLLIUM SF ORAL PWD | 62.00 | 2.29 | 06 | or | 07 |
| TOTALS |  |  | 358359.0 | 233776.1 |  |  |  |
| \* Non-Formulary |  |  |
| # Not on National Formulary |  |  |

|  |
| --- |
| **PRESCRIPTION STATISTICS DATA FIELD SPECIFICATIONS** |
| **DATA ELEMENT** | **FILE #** | **FIELD #** | **PIECE # IN RECORD SENT** | **DESCRIPTION** |
| Duration | PRESCRIPTION file (#52)MEDICATION INSTRUCTIONmultiple (#113) | DURATION field (#4) | 42 | Duration can be entered in minutes, hours, days, weeks, or months. The internal format of the data shall be extracted, e.g. “14D or 14” represents 14 days, “1W” represents 1 week. If no duration exists a null value shall be transmitted. |
| Conjunction | PRESCRIPTION file (#52)MEDICATION INSTRUCTIONmultiple (#113) | CONJUNCTIONfield (#5) | 43 | The internal format of the data shall be extracted.Example: “A” for And, “T” for Then, and “X” for Except.If no conjunction exists, a null value shall be transmitted. |
| Route | MEDICATION ROUTESfile (#51.2) | NAME field (#.01) | 44 |  |
| Schedule | PRESCRIPTION file (#52)MEDICATION INSTRUCTIONmultiple (#113) | SCHEDULE field (#7) | 45 |  |
| Verb | PRESCRIPTION file (#52)MEDICATION INSTRUCTIONmultiple (#113) | VERB field (#8) | 46 | If no verb is found, a null value will be transmitted. |

**Note**: Pieces 38-46 can repeat for a complex outpatient medication order (>1 dosing sequence). When a prescription is extracted that has more than one dosing sequence, the prescription record with the first dosing sequence shall be transmitted in the PBMOP MailMan message. The prescription record with ALL dosing sequences will be transmitted in the new PBMOP(MULTIDOSE) MailMan message. In this MailMan message pieces 38-46 will repeat for each additional dosing sequence.


## 4.4.2. Example MailMan Messages

A MailMan message is constructed in an up-arrow (^) delimited format. The following is an example of the first (parent) data record sent for a Prescription order. Each IV additive and solution within an order will be sent as a separate data record.

**Example: Prescription – Detail Report Message**

Subj: V. 4.0 PBMOP 30109 1/13 605 LOMA LINDA VA [#7597] 07/16/04@19:09

10000 lines

From: PBMPHARMACIST,SIX In 'IN' basket. Page 1

^605^3010523^3010907^437316A^OT^000008194^IPRATROPIUM BR 0.03% SOLN,SPRAY,NASAL

^NT900^IPRATROPIUM BR 0.03% NASAL SPRAY^00597-0081-30^^1^0^6^R^N^M^000008204^F^

\*^N^ML^.6897^50^30^^1002937743^2723^3010830^^I0198^^^N^^AS NEEDED FOR PAIN^^10 CC (=2 TEASPOONSFUL)^^^^^^ORAL^Q4-6H^TAKE^

^605^3010830^3010904^3410498B^SC^000001852^IBUPROFEN 800MG TAB^MS102^IBUPROFEN 800MG TAB^353746137906^^1^0^6^R^Y^M^000009577^S^

\*^N^TAB^.024^30^90^^1002944235^8893^^^I0006^^^N^^FOR PAIN^^1-2 TABLETS^^^^^^ORA L^Q4-6H P^TAKE^

^605^3010830^3010904^3609546^SC^000005458^SERTRALINE HCL 100MG TAB^CN609^SERTRA LINE HCL 100MG TAB^0049491073^^1^0^6RO^R^Y^M^000006209^S^

\*^N^TAB^1.164^30^60^^1002940453^8547^^^S0013^^^N^^FOR DIARRHEA \*\*DO NOT EXCEED

8 CAPSULES PER DAY\*\*^^2^1^MG^CAPSULE^^^ORAL^Q4-6H P ^TAKE^

^605^3010830^3010904^3609547^SC^000005458^DIVALPROEX NA 250MG TAB,EC^CN400^DIVA LPROEX NA 250MG EC TAB^0074621453^^1^0^6^R^Y^M^000006209^S^

\*^N^TAB^.367^30^90^^1002940453^8547^^^D0564^^^N^^FOR DIARRHEA \*\*DO NOT EXCEED 8 CAPSULES PER DAY\*\*^^2^1^MG^CAPSULE^^^ORAL^Q4-6H P ^TAKE^

^605^3010830^3010904^3609549^SC^000005458^BUPROPION HCL (ZYBAN) 150MG TAB,SA^CN 609^BUPROPION (ZYBAN) 150MG SA TAB PACK 60^301730556011^^1^0^6^R^Y^M^000006209^

Subj: V. 4.0 PBMOP 30109 1/13 605 LOMA LINDA VA [#7597] Page 2

S^

\*^N^TAB^48.33^30^1^^1002940453^8547^^^B0395^^^N^^FOR DIARRHEA \*\*DO NOT EXCEED 8 CAPSULES PER DAY\*\*^^2^1^MG^CAPSULE^^^ORAL^Q4-6H P ^TAKE^

^605^3010830^3010904^3534711B^SC^000006593^CIMETIDINE 400MG TAB^GA301^CIMETIDIN E 400MG TAB^5011155102^^1^0^6^R^Y^M^000007891^S^

\*^N^TAB^.065^90^180^^1002935868^712^^^C0255^^^N^^FOR STOMACH ACID^^300^1^MG^TAB LET^^^ORAL^BID^TAKE^

^605^3010906^3010906^3611451^SC^000009381^ALCOHOL PREP PAD^XA105^ALCOHOL PREP P AD^00536-9920-01^^1^0^9S^R^N^W^000009999^S^

\*^N^EA^.009^90^200^^1002940819^3926^^^XS678^^^N^^AFTER THE MORNING MEAL //TO RE PLACE LANSOPROZOLE FOR STOMACH //^^1-2 TEASPOONSFUL^^^^^^ORAL^Q46H PRN^TAKE^

^605^3010830^3010906^3217544H^OT^000006338^BECLOMETHASONE DIPROPIONATE 42MCG/AC TUAT POCKETHALER,INHL,NASAL^NT200^BECLOMETHASONE 42MCG 200D NASAL POCKETHL^3017 30336026^^0^0^6^R^Y^M^000001743^S^

\*^N^EA^3.49^30^1^^1002932885^1610^3011120^^B0392^^^N^^AFTER THE MORNING MEAL // TO REPLACE LANSOPROZOLE FOR STOMACH //^^1-2 TEASPOONSFUL^^^^^^ORAL^Q46H PRN^TAK

E^

^605^3010907^3010912^3289451B^OT^000001647^COLCHICINE 0.6MG TAB^MS400^COLCHICIN E 0.6MG TAB^0143120110^^1^0^6^R^Y^M^000000057^S^

\*^N^TAB^.007^30^30^^1002931852^1809^^^C0311^^^N^^AS NEEDED^^1 TABLET^^^^^^ORAL^

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|  |
| --- |
| **PROCUREMENT STATISTICS DATA FIELD SPECIFICATIONS (DRUG ACCOUNTABILITY FILE #58.81)** |
| **DATA ELEMENT** | **FILE #** | **FIELD #** | **PIECE # IN RECORD SENT** | **DESCRIPTION** |
| Dispense Unit | DRUG file (#50) | DISPENSE UNITfield (#14.5) | 12 |  |
| Order Unit | ORDER UNIT file (#51.5) | ABBREVIATIONfield (#.01) | 13 |  |
| NO DATA |  |  | 14 |  |
| NO DATA |  |  | 15 |  |
| Disp Unit Per Order Unit | DRUG file (# 50) | DISPENSE UNITS PER ORDER UNITfield (#15) | 16 |  |
| Qty Invoiced | DRUG ACCOUNTABILITY TRANSACTION file (#58.81) | QUANTITY field (#5) | 17 |  |
| Price Per Order Unit | DRUG file (#50) | PRICE PERORDER UNIT field (#13) | 18 |  |
| Total Cost |  |  | 19 | Formula = Qty Invoice/ Disp Units Per Order Unit \* Price Per Order Unit |
| Manufacturer | DRUG ACCOUNTABILITY TRANSACTION file (#58.81) | MANUFACTURERfield (#12) | 20 |  |
| Invoice Number | DRUG ACCOUNTABILITY TRANSACTION file (#58.81) | PRIME VENDORINVOICE field (#71) | 21 |  |
| NO DATA |  |  | 22 |  |

Within the Procurement extract, procurement data is extracted from the IFCAP file (#442), the DRUG ACCOUNTABILITY file (#58.81), and the DRUG ACCOUNTABILITY ORDER

(Prime Vendor) file (#58.811). How much or how little data is extracted is dependent on what is implemented at the facility.

Procurement data from the IFCAP file (#442) is limited to transactions with a cost center of 822400 (Pharmacy) and 828100 (SPD). Only completed prime vendor invoice data from the DRUG ACCOUNTABILITY ORDER (Prime Vendor) file (#58.811) will be extracted.

Procurement data with dispensing transaction type of “1” (Receipt into Pharmacy) will be extracted from the DRUG ACCOUNTABILITY file (#58.81).

Medical Center Divisions are selected from the MEDICAL CENTER DIVISION file (#40.8) NAME field (#.01). Outpatient Sites are selected from the OUTPATIENT SITE file (#59) NAME field (#.01). The user may select an active or inactive Outpatient Site. \*\*Inactive\*\* shall be displayed next to a selected inactive Outpatient Site.

## 4.5.2. Example MailMan Messages

A MailMan message is constructed in an up-arrow (^) delimited format as shown below.

**Example: Procurement – Detail Report Message**

Subj: V. 4.0 PBMPR 30109 1/1 605 JERRY L PETTIS VAMC [#7558]

07/16/04@13:56 921 lines

From: PBMPHARMACIST,EIGHT In 'IN' basket. Page 1

^605^H^3010904^Unknown VA Product Name^^Unknown Generic Name^CATHETER FOLEY 25F

^0^O^3001016^xxxxxxxxx^5000000019V796730^800.00^^^^^^^^^^^^^^^^^^^^9

R^No NDC^^^^CS^12^^^5^129.24^646.2^PBMVENDOR ONE^^053 PHARMACY S&S^

^605^H^3010904^Unknown VA Product Name^^Unknown Generic Name^AEROCHAMBER AEROSO L INHALER^No NDC^^^^CS^50^^^6^281.25^1687.5^PBMVENDOR TWO^^053 PHARMACY S&S^

^605^H^3010904^Unknown VA Product Name^^Unknown Generic Name^FOAM ALLEVYN 8X8 L OC; (NEW ITEM)^No NDC^^^^CS^20^^^1^216.54^216.54^PBMVENDOR THREE^^074 SPD^

^605^H^3010904^Unknown VA Product Name^^Unknown Generic Name^COVER - AMEDIC STE

RILE ULTRASOUND TRANSDUCER. STER^No NDC^^^^BX^20^^^1^220.00^220^PBMVENDOR FOUR^^074 SPD^

^605^H^3010904^Unknown VA Product Name^^Unknown Generic Name^FILM POLAROID TWIN

PAK HIGH DEFINITION 600(LOC: 1C^No NDC^^^^EA^1^^^10^15.38^153.8^PBMVENDOR FOUR^^074 SPD^

^605^H^3010904^Unknown VA Product Name^^Unknown Generic Name^BLADE SHARP POINT

3.0MM MICROSURGICALSLIT KNIFE (L^No NDC^^^^BX^6^^^3^84.00^252^PBMVENDOR FIVE^^074 SPD^

Subj: V. 4.0 PBMPR 30109 1/1 605 JERRY L PETTIS VAMC [#7558] Page 2

^605^H^3010904^Unknown VA Product Name^^Unknown Generic Name^CATHETER BALLOON P OWERFLEX PLUS 5FR 8MM X 4CM X 80^No NDC^^^^EA^1^^^3^185.00^555^PBMVENDOR SIX^^074 SPD^

^605^H^3010904^Unknown VA Product Name^^Unknown Generic Name^CATHETER BALLOON D ILATION POWERFLEX PLUS 7MM X 2CM^No NDC^^^^EA^1^^^2^185^370^PBMVENDOR SIX^^074 SPD^

^605^H^3010904^Unknown VA Product Name^^Unknown Generic Name^PATTIES SPONGE X-R AY 1/2 X 1 1/2 ^No NDC^^^^CS^200^^^2^92.77^185.54^PBMVENDOR SIX^^074 SPD^

^605^H^3010904^Unknown VA Product Name^^Unknown Generic Name^CATHETER 24FR 30CC SIMPLASTIC 3 WAY (LOC: 02-C)^No NDC^^^^BX^10^^^1^135.55^135.55^PBMVENDOR SEVEN^^074 SPD^

^605^H^3010904^Unknown VA Product Name^^Unknown Generic Name^SPLINT SYSTEM ORTH

O-GLASS 4X15" ROLL2RL/CS (LOC: 4^No NDC^^^^CS^2^^^2^154.5^309^PBMVENDOR EIGHT^^074 SPD^

^605^H^3010904^Unknown VA Product Name^^Unknown Generic Name^LEADWIRE LW SPCH S TANDARD PINCH 40"^No NDC^^^^PG^5^^^5^36.43^182.15^PBMVENDOR NINE^^074 SPD^

^605^H^3010904^Unknown VA Product Name^^Unknown Generic Name^CATHETER PRUITT OC CULSION IRRIGATION SZ 5^No NDC^^^^EA^1^^^2^70.00^140^PBMVENDOR TEN^^074 SPD^

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|  |
| --- |
| **CONTROLLED SUBSTANCES STATISTICS DATA FIELD SPECIFICATIONS** |
| **DATA ELEMENT** | **FILE #** | **FIELD #** | **PIECE # IN RECORD SENT** | **DESCRIPTION** |
| Patient ICN | PATIENT file (#2) | INTEGRATION CONTROL NUMBERfield | 20 | Free Text. Example:“1010185893V199552” |
|  |  | (# 991.01) |  |  |
|  |  | ICN CHECKSUMfield (#991.02) |  | If an ICN does not exist, send null. |
|  |  | (Values in both fields are concatenated with a ‘V’.) |  |  |

Within the CS extract, Medical Center Divisions are selected from the MEDICAL CENTER DIVISION file (#40.8) NAME field (#.01). Outpatient Sites are selected from the OUTPATIENT SITE file (#59) NAME field (#.01). The user may select an active or inactive Outpatient Site. \*\*Inactive\*\* shall be displayed next to a selected inactive Outpatient Site.

## 4.6.2. Example MailMan Messages

A MailMan message is constructed in an up-arrow (^) delimited format as shown in the following example.

**Example: Controlled Substances – Detail Report Message**

Subj: V. 4.0 PBMCS 30109 1/1 605 JERRY L PETTIS VAMC [#7673]

07/19/04@12:24 1091 lines

From: PBMPHARMACIST,EIGHT In 'IN' basket. Page 1

^605^H^3010902^INPATIENT^^CHLORDIAZEPOXIDE HCL 25MG CAP^CN302^CHLORDIAZEPOXIDE HCL 25MG CAP U/D^^1^0^00615-0437-13^PACK^100^0.105^40^^4CL^^

^605^H^3010902^INPATIENT^^CODEINE 30MG/ACETAMINOPHEN 300MG TAB^CN101^ACETAMINOP HEN 300MG/COD 30MG TAB^^1^0^00406-0484-01^BT^100^0.069^300^^3^^

^605^H^3010902^INPATIENT^^HYDROCODONE 5MG/ACETAMINOPHEN 500MG TAB^CN101^HYDROCO DONE 5/ACETAMINOPHEN 500MG TAB^^1^0^00406-0357-05^TAB^100^0.015^300^^3C^^

^605^H^3010904^GI LAB^^MEPERIDINE HCL 50MG/ML INJ^CN101^MEPERIDINE HCL 50MG/ML INJ TUBEX^1^1^0^00074-1178-31^PACK^10^0.357^20^N/F^2A^^

^605^H^3010904^GI LAB^^MEPERIDINE HCL 50MG/ML INJ^CN101^MEPERIDINE HCL 50MG/ML INJ TUBEX^1^1^0^00074-1178-31^PACK^10^0.357^20^N/F^2A^^

^605^H^3010904^GI LAB^^MEPERIDINE HCL 50MG/ML INJ^CN101^MEPERIDINE HCL 50MG/ML INJ TUBEX^1^1^0^00074-1178-31^PACK^10^0.357^20^N/F^2A^^

^605^H^3010904^GI LAB^^MEPERIDINE HCL 50MG/ML INJ^CN101^MEPERIDINE HCL 50MG/ML INJ TUBEX^1^1^0^00074-1178-31^PACK^10^0.357^20^N/F^2A^^

^605^H^3010904^GI LAB^^MIDAZOLAM HCL 1MG/ML INJ^CN302^MIDAZOLAM 1MG/ML INJ 2ML VI^^1^0^00004-1998-06^PACK^10^0.469^20^^4CLR^^

^605^H^3010904^GI LAB^^MIDAZOLAM HCL 1MG/ML INJ^CN302^MIDAZOLAM 1MG/ML INJ 2ML VI^^1^0^00004-1998-06^PACK^10^0.469^20^^4CLR^^

Subj: V. 4.0 PBMCS 30109 1/1 605 JERRY L PETTIS VAMC [#7673] Page 2

^605^H^3010904^GI LAB^^MIDAZOLAM HCL 1MG/ML INJ^CN302^MIDAZOLAM 1MG/ML INJ 2ML VI^^1^0^00004-1998-06^PACK^10^0.469^20^^4CLR^^

^605^H^3010904^GI LAB^^MIDAZOLAM HCL 1MG/ML INJ^CN302^MIDAZOLAM 1MG/ML INJ 2ML VI^^1^0^00004-1998-06^PACK^10^0.469^20^^4CLR^^

^605^H^3010904^RX WINDOW^^DIAZEPAM 5MG TAB^CN302^DIAZEPAM 5MG TAB^^1^0^00555-03 63-05^BT^500^0.048^3000^^4LCZ^^

^605^H^3010904^RX WINDOW^^HYDROCODONE 5MG/ACETAMINOPHEN 500MG TAB^CN101^HYDROCO DONE 5/ACETAMINOPHEN 500MG TAB^^1^0^00406-0357-05^TAB^100^0.015^6000^^3C^^

^605^H^3010904^RX WINDOW^^MORPHINE SO4 10MG/5ML SOLN,ORAL^CN101^MORPHINE SULF 2 MG/ML ORAL SOLN 500ML^^1^0^00054-3785-63^BT^500^0.025^5000^^2AQ^^

^605^H^3010904^RX WINDOW^^OXYCODONE HCL 5MG/ACETAMINOPHEN 325MG TAB^CN101^OXYCO DONE 5MG ACETAMINOP 325MG TAB^^1^0^60951-0602-70^BT^100^0.038^4800^^2AW^^

^605^H^3010904^RX WINDOW^^PROPOXYPHENE N 100MG TAB^CN101^PROPOXYPHENE N 100MG T AB^1^0^0^00002-0353-03^BT^500^0.360^3000^^4C^^

^605^H^3010904^RX WINDOW^^OXYCODONE HCL 5MG TAB^CN101^OXYCODONE 5MG TAB^^1^0^00 054-4657-25^BT^100^0.091^5000^^2A^^

^605^H^3010904^3SICU^^METHADONE HCL 10MG TAB^CN101^METHADONE HCL 10MG TAB U/D^^ 1^0^00054-8554-24^PACK^25^0.224^25^^2A^^

^605^H^3010904^3SE^^Unknown VA Product Name^CN101^HYDROMORPHONE 50MG/50ML PCA S YRINGE^^^0^00338-9367-75^SYRINGE^1^9.500^3^^2^^

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|  |
| --- |
| **PATIENT DEMOGRAPHICS STATISTICS DATA FIELD SPECIFICATIONS** |
| **DATA ELEMENT** | **FILE #** | **FIELD #** | **PIECE # IN RECORD SENT** | **DESCRIPTION** |
| Ethnicity | ETHNICITY | ETHNICITY | 19 |  |
|  | INFORMATION | INFORMATION |  |
|  | multiple (#6) within | field (#.01) |  |
|  | the PATIENT file |  |  |
|  | (#2) |  |  |
| Race (new) | RACE | RACE | 20-29 |  |
|  | INFORMATION | INFORMATION |  |
|  | multiple (#2) within | field (#.01) |  |
|  | the PATIENT file |  |  |
|  | (#2) |  |  |

## 4.7.2. Example MailMan Messages

A MailMan message is constructed in an up-arrow (^) delimited format as shown in the following example.

**Example: Patient Demographics – Detail Report Message**

|  |  |  |
| --- | --- | --- |
| Subj: V. 4.0 PBMPD 30109 1/20 605 JERRY L PETTIS VAMC | [#7732] |  |
| 07/20/04@18:22 10000 lines |  |
| From: PBMPHARMACIST,TWO In 'IN' basket. Page 1 |  |
| ^605^3040720^^2210000^83^^M^NSC^REQUIRED^^000003689^^^^^2870723^H^^^^^^^^^^^^ |
| ^605^3040720^^2521229^51^^M^NSC^MT COPAY EXEMPT^5^000002816^1002935271^00000611 |
| 8^1880^^2980322^H^^^^^^^^^^^^ |
| ^605^3040720^^2190822^84^WHITE, NOT OF HISPANIC ORIGIN^F^SERVICE CONNECTED 50% |
| to 100%^^1^000006505^1002191464^000007541^5547^^2870722^H^^^^^^^^^^^^ |
| ^605^3040720^^2570407^47^WHITE, NOT OF HISPANIC ORIGIN^M^SC LESS THAN 50%^^3^00 |
| 0005710^6050032171^^^^3011210^H^^^^^^^^^^^^ |
| ^605^3040720^^2500000^54^BLACK, NOT OF HISPANIC ORIGIN^M^^^^000007523^^^^^^^^^^ |
| ^^^^^^^^ |
| ^605^3040720^^2500210^54^WHITE, NOT OF HISPANIC ORIGIN^M^SERVICE CONNECTED 50% |
| to 100%^^1^000008107^1002929577^000005697^12166^^2870731^H^^^^^^^^^^^^ |
| ^605^3040720^^2430516^61^WHITE, NOT OF HISPANIC ORIGIN^M^NSC^MT COPAY REQUIRED^ |
| 7^000004336^^^^^2940219^H^^^^^^^^^^^^ |
| ^605^3040720^^2300000^74^^M^NSC^REQUIRED^^000008604^^^^^^^^^^^^^^^^^^ |
| ^605^3040720^^2380523^66^HISPANIC, BLACK^M^SERVICE CONNECTED 50% to 100%^^1^569 |
| 485541^1002927098^000002716^5504^^2870723^H^^^^^^^^^^^^ |
| ^605^3040720^^2220000^82^WHITE, NOT OF HISPANIC ORIGIN^M^SERVICE CONNECTED 50% |
| to 100%^^1^000000881^1002927422^000000814^12163^^2870725^H^^^^^^^^^^^^ |

*Report continued on next page*

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**Example: Patient Demographics – Detail Report Message (continued)**

Subj: V. 4.0 PBMPD 30109 1/20 605 JERRY L PETTIS VAMC [#7732] Page 2

^605^3040720^^2380312^66^BLACK, NOT OF HISPANIC ORIGIN^M^NSC^REQUIRED^^00000532

7^1002969417^^^^^^^^^^^^^^^^^

^605^3040720^^2540714^50^^M^^^^000007650^^^^^^^^^^^^^^^^^^

^605^3040720^^2541004^49^WHITE, NOT OF HISPANIC ORIGIN^M^SERVICE CONNECTED 50%

to 100%^^1^000009865^1001267489^^^^2911114^H^^^^^^^^^^^^

^605^3040720^^2260517^78^^M^SC LESS THAN 50%^NO LONGER REQUIRED^3^000008563^100

7732203^^^^2870725^H^^^^^^^^^^^^

^605^3040720^^^^^M^NSC^REQUIRED^^000003514^^^^^^^^^^^^^^^^^^

^605^3040720^^2280223^76^WHITE, NOT OF HISPANIC ORIGIN^M^NSC^MT COPAY EXEMPT^^0

00004548^^^^^2870504^H^^^^^^^^^^^^

^605^3040720^^2220107^82^^M^SC LESS THAN 50%^NO LONGER REQUIRED^2^000006404^100

3690806^^^^^^^^^^^^^^^^^

^605^3040720^^2240000^80^^M^SC LESS THAN 50%^^^000001541^^^^^^^^^^^^^^^^^^

^605^3040720^^2460228^58^UNKNOWN^M^SERVICE CONNECTED 50% to 100%^NO LONGER REQU

IRED^1^000002529^1002945819^^^^2961231^H^^^^^^^^^^^^

^605^3040720^^2280503^76^BLACK, NOT OF HISPANIC ORIGIN^M^SC LESS THAN 50%^^^000

001662^^^^^2911024^H^^^^^^^^^^^^

^605^3040720^^2280109^76^WHITE, NOT OF HISPANIC ORIGIN^M^NSC^MT COPAY EXEMPT^5^

000009473^1002932146^000003389^12508^^2870725^H^^^^^^^^^^^^

^605^3040720^^2450610^59^^M^^^^000006444^^^^^^^^^^^^^^^^^^

**Example: Patient Demographics –Timing Report Message**

|  |  |
| --- | --- |
| Subj: PBM TIMING for report SEP 01, 2001 to SEP 30, 2001 from 605 JERRY[#7752] 07/20/04@18:23 6 linesFrom: PBMPHARMACIST,TWO In 'IN' basket. Page 1 |  |
| Patient Demographics | JUL 20,2004@14:05 | JUL 20,2004@18:23 | 4 hrs, 18 min |
| \*\*NOTE: Timing for the Provider Data extract is not recorded when thethe IV, Unit Dose, Prescription, and Patient Demographics extracts are run concurrently. |

**Example: Patient Demographics – Confirmation Message**

|  |  |
| --- | --- |
| Subj: PBM Stats for SEP 01, 2001 to SEP 30, 2001 from 605 JERRY L PETTI[#7753] 07/20/04@18:23 6 linesFrom: PBMPHARMACIST,TWO In 'IN' basket. Page 1 |  |
| The chart below shows the package(s) whose dispensing statistics were extracted by the PBM Manual Pharmacy Statistics option.PACKAGE # Line items # MailMan msgs |
| Patient Demographics 193959 20 |

* 1. **Outpatient Visits Extract**

In order to decrease the running time of the monthly *Automatic Pharmacy Statistics* [PSU PBM AUTO] option, the ability to extract a month’s worth of outpatient visit records from the VISIT file (#9000010) shall no longer be provided. The ability to extract outpatient visit records for any given timeframe directly from the VISIT file (#9000010) shall be retained with the *Manual Pharmacy Statistics* [PSU PBM MANUAL] option.

Outpatient Visit records extracted on a daily basis shall be stored in the new PBM PATIENT DEMOGRAPHICS file (#59.9) until they are compiled for transmission when the monthly *Automatic Pharmacy Statistics* [PSU PBM AUTO] option is run.

## Statistics Format

Data element specifications for the current Outpatient Visit extract are provided in the table below.

|  |
| --- |
| **OUTPATIENT VISITS STATISTICS DATA FIELD SPECIFICATIONS** |
| **DATA ELEMENT** | **FILE #** | **FIELD #** | **PIECE # IN RECORD SENT** | **DESCRIPTION** |
| Sender | INSTITUTION file (#4) | STATION NUMBERfield (#99) | 2 |  |
| Encounter Patient Status | VISIT file (#9000010) | PATIENT STATUSIN/OUT field (#15002) | 3 | “I” will be sent for Inpatient “O” will be sent for OutpatientIf no data exists, a null value is sent. |
| Date of Visit | VISIT file (#9000010) | VISIT/ADMITDATE & TIME field (#.01) | 4 |  |
| Patient SSN | VISIT FILE (# 9000010)PATIENT file (#2) | SOCIAL SECURITYNUMBER field (#.09) | 5 |  |

|  |
| --- |
| **OUTPATIENT VISITS STATISTICS DATA FIELD SPECIFICATIONS** |
| **DATA ELEMENT** | **FILE #** | **FIELD #** | **PIECE # IN RECORD SENT** | **DESCRIPTION** |
| Patient ICN | PATIENT file (#2) | INTEGRATION CONTROLNUMBER field (# 991.01)ICN CHECKSUMfield (#991.02)(Values in both fields are concatenated with a “V”.) | 6 | Free Text.Example: “1010185893V199552”If an ICN does not exist, send null. |
| ICD codes – Diagnosis | V POV file (#9000010.07)&V CPT file (#9000010.18)ICD DIAGNOSISfile (#80) | POV field (#.01)& DIAGNOSIS field (#.05) | 7-16 | Diagnosis data is pulled from the POV field (#.01) in theV POV file (#9000010.07) andfrom the DIAGNOSIS field (#.05) in the V CPT file (#9000010.18).Number of codes is limited to10. If over 10, they will be truncated. |
| CPT codes | CPT file (#81) | CPT CODE field (#.01) | 17-26 |  |
| Code Set Indicator | N/A | N/A | 27 | Code set indicator values include 9 (contains ICD-9 codes only), 10 (contains ICD- 10 codes only, U (contains ICD-9 and ICD-10 codes), and “” (Null – contains no ICD-9 or ICD-10 codes). |

## Example MailMan Messages

A MailMan message is constructed in an up-arrow (^) delimited format as shown in the following example.

**Example: Outpatient Visits – Detail Report Message**

|  |  |  |
| --- | --- | --- |
| Subj: V. 4.0 PBMOV 29806 1/1 0 [#33424] 03/02/12@11:42 | 23 lines |  |
| From: PBMPHARMACIST,TWO In 'IN' basket. Page 1 |  |
| ^0^O^3001016^xxxxxxxxx^5000000019V796730^800.00^^^^^^^^^^^^^^^^^^^^9 |
| ^0^O^3000101^xxxxxxxxx^5000000000V196703^291.9^^^^^^^^^^32160^^^^^^^^^^9 |
| ^0^O^3000101^xxxxxxxxx^5000000019V796730^800.00^^^^^^^^^^32100^^^^^^^^^^9 |
| ^0^I^3010604^xxxxxxxxx^5000000003V639492^800.00^^^^^^^^^^20924^^^^^^^^^^9 |
| ^0^O^3010606^xxxxxxxxx^^144.1^^^^^^^^^^00100^^^^^^^^^^9 |
| ^0^O^3010606^xxxxxxxxx^^850.1^^^^^^^^^^85002^^^^^^^^^^9 |

**Example: Outpatient Visits – Timing Report Message**

|  |  |
| --- | --- |
| Subj: PBM TIMING for report SEP 01, 2001 to SEP 30, 2001 from 605 XXXXXXXX[#7256] 07/12/04@10:45 6 linesFrom: PBMPHARMACIST,TWO In 'IN' basket. Page 1 |  |
| Outpatient Visits | JUL 11,2004@18:00 | JUL 12,2004@10:45 | 16 hrs, 45 min |
| \*\*NOTE: Timing for the Provider Data extract is not recorded when thethe IV, Unit Dose, Prescription, and Patient Demographics extracts are run concurrently. |

**Example: Outpatient Visits – Confirmation Message**

|  |  |
| --- | --- |
| Subj: PBM Stats for SEP 01, 2001 to SEP 30, 2001 from 605 XXXXXXXX[#7257] 07/12/04@10:45 6 linesFrom: PBMPHARMACIST,TWO In 'IN' basket. Page 1 |  |
| The chart below shows the package(s) whose dispensing statistics were extracted by the PBM Manual Pharmacy Statistics option.PACKAGE # Line items # MailMan msgs |
| Outpatient Visits 32807 4 |

* 1. **Inpatient PTF Record Extract**

Recent enhancements include an Inpatient Patient Treatment File (PTF) Record extract to collect inpatient treatment file data.

For inpatient stays, the discharge date is used to identify and extract PTF records. The start date of this extract shall be the discharge date 30 days prior to the first date of the reporting period. For example, if the reporting period is the month of August, the start date for this extract shall be 8/1 minus 30 days. If a PTF record is identified twice, within the same reporting month, the record shall only be sent once.

## Statistics Format

Data element specifications for the Inpatient PTF Record extract are defined in detail in the table below.

|  |
| --- |
| **INPATIENT PTF RECORD STATISTICS DATA FIELD SPECIFICATIONS** |
| **DATA ELEMENT** | **FILE #** | **FIELD #** | **PIECE # IN RECORD SENT** | **DESCRIPTION** |
| Sender (facility #) | INSTITUTION file (#4) | STATIONNUMBER field (#99) | 2 | The software extracts the facility number at which the database resides to identify the sender of the MailMan message. |
| Unique PTF ID | PTF file (#45) |  | 3 | A unique ID established by concatenating the facility number to the Internal Entry Number of the PTF record in the PTF file (#45). |
| Admission Date for Inpatient Encounter | PTF file (#45) | ADMISSIONDATE field (#2) | 4 | Internal format (minus time)Example: “2980409” |
| Discharge Date for Inpatient Encounter | PTF file (#45) | DISCHARGEDATE field (#70) | 5 | Internal format (minus time)Example: “2980409” |
| Patient SSN | PATIENT file (#2) | SOCIAL SECURITYNUMBER field (#.09) | 6 | Internal format Example: “123456789” |

|  |
| --- |
| **INPATIENT PTF RECORD STATISTICS DATA FIELD SPECIFICATIONS** |
| **DATA ELEMENT** | **FILE #** | **FIELD #** | **PIECE # IN RECORD SENT** | **DESCRIPTION** |
| ICN | PATIENT file (#2) | INTEGRATION CONTROLNUMBER field (#991.01) | 7 | Internal format Example: “1234”If ICN does not exist, send null. |
| ICN | PATIENT file (#2) | INTEGRATION CONTROLNUMBER field (#991.01) | 7 | Internal format Example: “1234”If ICN does not exist, send null. |
| ICD codes – Diagnosis | ICD DIAGNOSIS file (#80) | CODE NUMBERfield (#.01) | 8-27 | Internal format Example: “341.8, 341.9” |
| CPT Codes | ICD OPERATION/ PROCEDURE file (#80.1) | CODE NUMBERfield (#.01) | 28-43 | Internal format Example: “99.10,75.37” |
| Code Set Indicator | N/A. | N/A | 44 | Code set indicator values include 9 (contains ICD-9 codes only), 10 (contains ICD-10 codes only, U (contains ICD-9 and ICD-10 codes), and “” (Null – contains no ICD-9 or ICD-10 codes). |

## Example MailMan Messages

A MailMan message is constructed in an up-arrow (^) delimited format as shown in the following example.

**Example: Inpatient PTF Records – Detail Report Message**

Subj: V. 4.0 PBMPTF 29806 1/1 0 [#33425] 03/02/12@11:42 6 lines

From: PBMPHARMACIST,TWO In 'IN' basket. Page 1

^0^04^3020802^3030113^xxxxxxxxx^5000000001V324625^E955.6^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^9

^0^06^3020830^3031006^xxxxxxxxx^5000000042V640365^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

^0^08^3040421^3061026^xxxxxxxxx^5000000001V324625^295.01^295.02^295.10^^^^^^^^^^^^^^^^^^^^^^^^^^^

^^^^^^^9

^0^014^3120227^3120227^xxxxxxxxx^5000000008V200916^K71.51^A20.7^Q27.8^V70.2XXD^^^^^^^^^^^^^^^^^00 16070^0016378^^^^^^^^^^^^^^^10

**Example: Inpatient PTF Record – Timing Report Message**

|  |  |  |  |
| --- | --- | --- | --- |
| [#7268] 07/12/04@12:57 6 linesFrom: PBMPHARMACIST,EIGHT In 'IN' basket. | Page 1 |  |  |
| Inpatient PTF Record JUL 12,2004@12:56 | JUL 12,2004@12:57 | 0 hrs, 1 min |
| \*\*NOTE: Timing for the Provider Data extract is not recorded when thethe IV, Unit Dose, Prescription, and Patient Demographics extracts are run concurrently. |

**Example: Inpatient PTF Record – Confirmation Message**

|  |  |
| --- | --- |
| Subj: PBM Stats for SEP 01, 2001 to SEP 30, 2001 from 605 XXXXXXXX[#7269] 07/12/04@12:57 6 linesFrom: PBMPHARMACIST,EIGHT In 'IN' basket. Page 1 |  |
| The chart below shows the package(s) whose dispensing statistics were extracted by the PBM Manual Pharmacy Statistics option.PACKAGE # Line items # MailMan msgs |
| Inpatient PTF Records1481 1 |

## 4.10.2. Example MailMan Messages

A MailMan message is constructed in an up-arrow (^) delimited format as shown in the following example.

**Example: Provider Data – Detail Report Message**

Subj: V. 4.0 PBMPRO 30109 1/1 605 JERRY L PETTIS VAMC [#7667]

07/18/04@19:41 637 lines

From: PBMPHARMACIST,TWO In 'IN' basket. Page 1

^605^^3^MD^AMB^Physician/Osteopath^Nephrology^

^605^000001535^31^M.D.^MED^Physician/Osteopath^Family Practice^

^605^000001512^55^M.D.^MED^Physician/Osteopath^^

^605^000000036^78^^MED^Physician/Osteopath^Psychiatry^

^605^000005698^238^M.D.^MED^^^

^605^000005168^252^M.D.^NUM^Physician/Osteopath^Nuclear Medicine^

^605^000002791^299^M.D.^ANES^Physician/Osteopath^Pain Management - Anesthesiolo gy^

^605^000001548^323^RPH^CPHAR^Pharmacist^^

^605^000007790^365^M.D.^MED^Physician/Osteopath^^

^605^000000667^388^RN^MED^Clinical Nurse Specialist^Medical-Surgical^

^605^^549^M.D.^MED^^^

^605^000006026^607^^MED^Physician/Osteopath^Psychiatry, Geriatric^

^605^000009499^642^^MED^Physician/Osteopath^Psychiatry^

^605^000001826^658^M.D.^^Physician/Osteopath^Hematology & Oncology^

^605^000007891^712^M.D.^MED^Physician/Osteopath^Internal Medicine^

^605^000009092^1128^RN^RN^Registered Nurse^^

^605^000006200^1131^M.D.^^Physician/Osteopath^Gastroenterology^

Subj: V. 4.0 PBMPRO 30109 1/1 605 JERRY L PETTIS VAMC [#7667] Page 2

^605^000000342^1138^DDS^DDS^Dentist^^

^605^000009983^1143^DDS^DDS^Dentist^Prosthodontics^

^605^000004539^1156^M.D.^NEUR^Physician/Osteopath^Neurology^

^605^000004031^1159^M.D.^NEUR^Physician/Osteopath^Neurology^

^605^000002889^1177^M.D.^^Physician/Osteopath^Nephrology^

^605^000003132^1382^M.D.^MED^Physician/Osteopath^Internal Medicine^

^605^000006385^1495^^SUR^Physician/Osteopath^Ophthalmology^

^605^000005911^1599^M.D.^^Physician/Osteopath^Oncology, Medical^

^605^000001743^1610^M.D.^MED^Physician/Osteopath^Internal Medicine^

^605^000006386^1613^M.D.^MED^Physician/Osteopath^Internal Medicine^

^605^000004511^1618^M.D.^^Physician/Osteopath^Nephrology^

^605^000000910^1633^M.D.^MED^Physician/Osteopath^Endocrinology, Diabetes & Meta bolism^

^605^000002392^1654^M.D.^RAD^Physician/Osteopath^Radiology, Diagnostic^

^605^000002747^1699^M.D.^MED^Physician/Osteopath^Internal Medicine^

^605^000009105^1741^M.D.^AMB^Physician/Osteopath^^

^605^000008461^1763^M.D.^MED^Physician/Osteopath^Emergency Medicine^

^605^000009953^1793^M.D.^MED^Physician/Osteopath^Geriatric Medicine: Internal M edicine^

^605^000000057^1809^M.D.^MED^Physician/Osteopath^Internal Medicine^

**Example: Provider Data – Provider Summary Report Message**

|  |  |
| --- | --- |
| Subj: V. 4.0 PBMPRO 30109 605 JERRY L PETTIS VAMC [#7668] 07/18/04@19:41432 linesFrom: PBMPHARMACIST,TWO In 'IN' basket. Page 1 |  |
| Provider Summary Report JUL 18, 2004 |
| SEP 01, 2001 through SEP 30, 2001 |
| Total Number of Incomplete Provider Records Extracted: 252 |
| IEN Provider Name (SSN) Missing Data |
| 3 PBMPROVIDER,ONE (????) SSN78 PBMPROVIDER,TWO (0036) PROVIDER CLASS238 PBMPROVIDER,THREE (5698) SPECIALTY SUBSPECIALTY549 PBMPROVIDER,FOUR (????) SSN SPECIALTY SUBSPECIALTY607 PBMPROVIDER,FIVE (6026) PROVIDER CLASS |
| Subj: V. 4.0 PBMPRO 30109 605 JERRY L PETTIS VAMC [#7668] Page 2 |
| 642 PBMPROVIDER,SIX (9499) PROVIDER CLASS658 PBMPROVIDER,SEVEN (1826) SERVICE/SECTION1131 PBMPROVIDER,EIGHT (6200) SERVICE/SECTION1177 PBMPROVIDER,NINE (2889) SERVICE/SECTION1495 PBMPROVIDER,TEN (6385) PROVIDER CLASS1599 PBMPROVIDER,ELEVEN (5911) SERVICE/SECTION1618 PBMPROVIDER,TWELVE (4511) SERVICE/SECTION1834 PBMPROVIDER,THIRTEEN (3045) PROVIDER CLASS1868 PBMPROVIDER,FOURTEEN (0711) PROVIDER CLASS SERVICE/SECTION SPECIALTY SUBSPECIALTY1883 PBMPROVIDER,FIFTEEN (0660) SERVICE/SECTION1896 PBMPROVIDER,SIXTEEN (7456) PROVIDER CLASS SPECIALTY SUBSPECIALTY1897 PBMPROVIDER,SEVENTEEN (9472) PROVIDER CLASS1919 PBMPROVIDER,EIGHTEEN (9754) PROVIDER CLASS2001 PBMPROVIDER,NINETEEN (2958) PROVIDER CLASS2023 PBMPROVIDER,TWENTY (0582) PROVIDER CLASS |

|  |
| --- |
| **ALLERGIES/ADVERSE EVENTS INFORMATION STATISTICS DATA FIELD SPECIFICATIONS** |
| **DATA ELEMENT** | **FILE #** | **FIELD #** | **PIECE # IN RECORD SENT** | **DESCRIPTION** |
| Observed/Historical Flag | PATIENTALLERGIES file (#120.8) | OBSERVED/HISTORICAL field (#6) | 10 | Internal Format.“o” for Observed “h” for Historical |
| Mechanism | PATIENTALLERGIES file (#120.8) | MECHANISM field (#17) | 11 | Internal format.“A” for Allergy“P” for Pharmacologic “U” for Unknown |
| Event Date/Time | ADVERSE REACTIONREPORTING file (#120.85) | DATE/TIME OFEVENT field (#.01) | 12 | Internal Format (date). Example: “3011001.0900” |
| Observed – Severity | ADVERSE REACTIONREPORTING file (#120.85) | SEVERITY field (#14.5) | 13 | External format.Mild Moderate Severe |
| Sign/Symptom(s) | REACTIONSmultiple (#10) in PATIENTALLERGIES file (#120.8) | REACTION sub-field (#.01)\*\*or\*\*OTHER REACTIONsub-field (#1) (Free text) | 14-19 | If the sign/symptom entered in the REACTION sub-field (#.01) equals “OTHER REACTION”, the value for the sign/symptom shall be extracted from the OTHER REACTION sub-field (#1).This is where the free text sign/symptom is stored. |

**Note**: Pieces 14-19 of this record will repeat for each sign/symptom. The record will allow for up to six sign/symptoms to be extracted and transmitted.


## 4.11.2. Example MailMan Messages

A MailMan message is constructed in an up-arrow (^) delimited format as shown in the following example.

**Example: Allergies/Adverse Events – Detail Report Message**

Subj: V. 4.0 PBMAA 30106 1/1 605 JERRY L PETTIS VAMC [#8672]

08/10/04@11:48 5 lines

From: PBMPHARMACIST,TWO In 'IN' basket. Page 1

^60581857^000009999^1012237589V692969^TERAZOSIN^50.6^D^3061002.05^MEDICINE/NEUR

OLOGY^h^P^^^DIZZINESS^^^^^^

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^60581858^000009999^1006029646V215983^PENICILLIN^50.6^D^3061002.0812^NURSING SE

RVICE^h^A^^^RASH^FEVER^^^^^

^60581867^000009999^1008969114V872239^OMEPRAZOLE^50.6^D^3061002.131^MEDICINE/NE

UROLOGY^o^P^3061002^MILD^DIARRHEA^^^^^^

^60581869^000009999^1005629866V604195^ORAL CONTRAST MEDIA^120.82^D^3061002.1358

^MEDICINE/NEUROLOGY^h^P^^^DIARRHEA^^^^^^

^60581925^000009999^1009057832V771463^PENICILLIN^50.6^D^3061005.1238^NURSING SE

RVICE^h^A^^^DYSPNEA^RASH^SWELLING^^^^

^60581926^000009999^1002670370V354180^INTRAVASCULAR CONTRAST MEDIA^120.82^D^306

1005.1331^NURSING SERVICE^h^A^^^RASH^^^^^^

^60581942^000009999^1012385894V929522^PENICILLIN^50.6^D^3061006.1012^NURSING SE

RVICE^h^P^^^DYSPNEA^RASH^SWELLING^^^^

**Example: Allergies/Adverse Events –Timing Report Message**

|  |  |
| --- | --- |
| Subj: PBM TIMING for report JUN 01, 2001 to JUN 30, 2001 from 605 JERRY[#8673] 08/10/04@11:48 6 linesFrom: PBMPHARMACIST,TWO In 'IN' basket. Page 1 |  |
| Allergies/Adverse Ev | AUG 10,2004@11:47 | AUG 10,2004@11:48 | 0 hrs, 1 min |
| \*\*NOTE: Timing for the Provider Data extract is not recorded whenthe IV, Unit Dose, Prescription, and Patient Demographics extracts are run concurrently. |

**Example: Allergies/Adverse Events – Confirmation Message**

|  |  |
| --- | --- |
| Subj: PBM Stats for JUN 01, 2001 to JUN 30, 2001 from 605 JERRY L PETTI[#8674] 08/10/04@11:48 6 linesFrom: PBMPHARMACIST,TWO In 'IN' basket. Page 1 |  |
| The chart below shows the package(s) whose dispensing statistics were extracted by the PBM Manual Pharmacy Statistics option.PACKAGE # Line items # MailMan msgs |
| Allergies/Adverse Events 7 1 |

|  |
| --- |
| **VITALS/IMMUNIZATIONS INFORMATION STATISTICS DATA FIELD SPECIFICATIONS** |
| **DATA ELEMENT** | **FILE #** | **FIELD #** | **PIECE # IN RECORD SENT** | **DESCRIPTION** |
| Rate(a numeric value associated with this vital measurement) | GMRV VITAL MEASUREMENTfile (#120.5) | RATE field (#1.2) | 9 | Free text.Example: “70” for weight; “140/80” for blood pressure.OrUsers can enter a reason for omission, such as “REFUSE, PASS, or UNAVAILABLE.”Pain scale codes:0 – Patient verbalizes no pain. 1-10 – Patient verbalizes pain with “1” representing minimal pain and “10” representing worst imaginable pain.99 – Patient unable to respond/communicate pain level. |
| Unit associate with rate ( if applicable) | N/A | N/A | 10 | Free text.Regardless of how the user enters a measurement, the software automatically converts the value and stores it in a standard format. The following units will be transmitted for a specific vital type:Weight – “lb” Height – “in”Pulse Oximetry – “%”Null value will be sent for Blood Pressure, Pain, and Pulse since there is no unit associated with these vital types. |
| Qualifier(s) 1 - 4 | GMRV VITALQUALIFIER file (#120.52) | QUALIFIER field (#.01) | 11-14 | Free textExample: weight may have the following qualifiers: “dry” or “actual”.Not all measurements will have an associated qualifier. A measurement can have multiple qualifiers. Currently, the maximum number of qualifiers a vital may have is 4. |

## 4.12.2. Example MailMan Messages

A MailMan message is constructed in an up-arrow (^) delimited format as shown in the following example.

**Example: Vitals/Immunizations Information – Detail Report Message**

|  |  |  |
| --- | --- | --- |
| Subj: V. 4.0 PBMVI 30109 1/4 605 JERRY L PETTIS VAMC | [#8675] |  |
| 08/10/04@11:55 10000 lines |  |
| From: PBMPHARMACIST,TWO In 'IN' basket. Page 1 |  |
| ^605^3010901.1055^V^000007446^1006019979V41089^^BLOOD PRESSURE^146/83^^^^^^ |
| ^605^3010901.1055^V^000007446^1006019979V41089^^PAIN^6^^^^^^ |
| ^605^3010901.1055^V^000007446^1006019979V41089^^PULSE^93^^^^^^ |
| ^605^3010921.07^V^000003035^1002936262V619083^^BLOOD PRESSURE^112/50^^^^^^ |
| ^605^3010916.1714^V^000003035^1002936262V619083^^HEIGHT^71^IN^^^^^ |
| ^605^3010921.07^V^000003035^1002936262V619083^^PAIN^0^^^^^^ |
| ^605^3010921.07^V^000003035^1002936262V619083^^PULSE^80^^^^^^ |
| ^605^3010916.1714^V^000003035^1002936262V619083^^WEIGHT^150^LBS^^^^^ |
| ^605^3010927.1002^V^000004026^1002930709V651569^^BLOOD PRESSURE^112/40^^^^^^ |
| ^605^3010927.1002^V^000004026^1002930709V651569^^HEIGHT^66^IN^^^^^ |
| ^605^3010927.1002^V^000004026^1002930709V651569^^PAIN^7^^^^^^ |
| ^605^3010927.1002^V^000004026^1002930709V651569^^PULSE^52^^^^^^ |
| ^605^3010927.1002^V^000004026^1002930709V651569^^WEIGHT^200.9^LBS^^^^^ |
| ^605^3010919.1034^V^000000971^1002929377V415816^^BLOOD PRESSURE^110/58^^^^^^ |
| ^605^3010919.1034^V^000000971^1002929377V415816^^PULSE^62^^^^^^ |
| ^605^3010919.1034^V^000000971^1002929377V415816^^WEIGHT^185.2^LBS^^^^^ |
| ^605^3010919.0743^V^000004414^1002946917V569685^^BLOOD PRESSURE^115/63^^^^^^ |
| ^605^3010917.0949^V^000004414^1002946917V569685^^HEIGHT^70^IN^^^^^ |
| Enter RETURN to continue or '^' to exit: |

Subj: V. 4.0 PBMVI 30109 1/4 605 JERRY L PETTIS VAMC [#8675] Page 2

^605^3010919.0743^V^000004414^1002946917V569685^^PAIN^0^^^^^^

^605^3010919.0743^V^000004414^1002946917V569685^^PULSE^56^^^^^^

^605^3010917.0949^V^000004414^1002946917V569685^^WEIGHT^175^LBS^^^^^

^605^3010920.0824^V^000001991^1002948737V812618^^BLOOD PRESSURE^140/60^^^^^^

^605^3010920.0824^V^000001991^1002948737V812618^^HEIGHT^67^IN^^^^^

^605^3010920.0824^V^000001991^1002948737V812618^^PAIN^0^^^^^^

^605^3010920.0824^V^000001991^1002948737V812618^^PULSE^76^^^^^^

^605^3010920.0824^V^000001991^1002948737V812618^^WEIGHT^214^LBS^^^^^

^605^3010927.1043^V^000006972^1007413451V523412^^BLOOD PRESSURE^140/48^^^^^^

^605^3010927.1043^V^000006972^1007413451V523412^^PAIN^3^^^^^^

^605^3010927.1043^V^000006972^1007413451V523412^^PULSE^56^^^^^^

^605^3010927.1043^V^000006972^1007413451V523412^^WEIGHT^207.2^LBS^^^^^

^605^3010925.1132^V^000003049^1002956604V989529^^BLOOD PRESSURE^138/81^^^^^^

^605^3010925.1132^V^000003049^1002956604V989529^^PAIN^0^^^^^^

^605^3010925.1132^V^000003049^1002956604V989529^^PULSE^107^^^^^^

^605^3010925.1132^V^000003049^1002956604V989529^^WEIGHT^301^LBS^^^^^

^605^3010913.1035^V^000001787^1002928955V238845^^BLOOD PRESSURE^148/76^^^^^^

^605^3010913.1035^V^000001787^1002928955V238845^^PAIN^0^^^^^^

^605^3010913.1035^V^000001787^1002928955V238845^^PULSE^76^^^^^^

^605^3010913.1035^V^000001787^1002928955V238845^^WEIGHT^175.7^LBS^^^^^

## 4.13.2. Example MailMan Messages

A MailMan message is constructed in an up-arrow (^) delimited format as shown in the following examples.

**Example: Lab – Detail Report Message**

Subj: V. 4.0 PBMLR 29808 1/1 556 NORTH CHICAGO [#7571106] 17 Sep 98 02:55 5725 Lines

From: PBMPHARMACIST,ELEVEN in 'IN' basket. Page 1

^556^000003333^1^^^FAMOTIDINE 10MG/ML INJ 4ML^CREATININE^.9 mg/dL^^2980731.08001^

^556^000007777^32^^^FAMOTIDINE 10MG/ML INJ 4ML^CREATININE^2.3 mg/dL^H^2980731.083934^

^556^000005555^3^^^FAMOTIDINE 10MG/ML INJ 4ML^CREATININE^1.4 mg/dL^^2980730.143023^

^556^000008888^^14^^GEMFIBROZIL 600MG TAB^CHOLESTEROL^192. mg/dL^^2980507.08^

^556^000008888^^14^^GEMFIBROZIL 600MG TAB^SGOT^33. U/L^^2980507.08^

**^556^000008888^^14^^GEMFIBROZIL 600MG TAB^TRIGLYCERIDES^107. mg/dL^^2980507.08^**

^556^000008888^^14^^GEMFIBROZIL 600MG TAB^HDL CHOLESTEROL^65 mg/dl^^2980507.08^

^556^000008888^^14^^GEMFIBROZIL 600MG TAB^LDL CHOLESTEROL^106 mg/dl^^2980507.08^

^556^000008888^^^1317395^LISINOPRIL 5MG TAB^CREATININE^.8 mg/dL^^2971230.083336^

^556^000002222^^^1317395^LISINOPRIL 5MG TAB^POTASSIUM^4.6 mmol/L^^2971230.083336^

^556^000004444^^^1319160^NIFEDIPINE (ADALAT CC) 60MG SA TAB^CREATININE^1.0 mg/dL^^ 2980105.105717^

**Example: Lab - Laboratory Statistical Summary Message**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Subj: From: | V. 4.0 PBMLR 29808 556PA PBMPHARMACIST,TWELVE in | NC-PRRTP [#7571162] 17'IN' basket. Page 1 | Sep | 98 | 02:55 | 4 | Lines |  |
| Laboratory Statistical Summary Data for AUG 1,1998 through AUG 31,1998 Total Patients 9Total Laboratory Tests 35Select MESSAGE Action: IGNORE (in IN basket)// **<Enter>** |

**Example: Laboratory Statistical Data Message**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Subj: V. 4.0 PBMLR 29808 556PA NC-PRRTP [#7571163] 17 | Sep | 98 | 02:55 | 39 | Lines |  |
| From: PBMPHARMACIST,TWELVE in 'IN' basket. Page 1 |  |  |  |  |  |
| Laboratory Statistical Data for AUG 1,1998 through AUG 31,1998 |
| Patient SSN VA CODE Laboratory Results Flag Date/Time Taken |
| 000004322 CV800 CREATININE 1.0 mg/dL |  |  | 07/01/98 | 0818 |
| POTASSIUM 3.8 mmol/L |  |  | 07/01/98 | 0818 |
| 000008348 HS502 GLUCOSE 211. mg/dL | H |  | 07/28/98 | 0718 |
| HEMOGLOBIN A1C 10.9 % | H |  | 07/28/98 | 0718 |
| 000002996 CV200 CREATININE 1.3 mg/dL |  |  | 02/10/98 | 0718 |
| CV350 CHOLESTEROL 175. mg/dL |  |  | 02/10/98 | 0718 |
| SGOT 26. U/L |  |  | 02/10/98 | 0718 |
| TRIGLYCERIDES 268. mg/dL | H |  | 02/10/98 | 0718 |
| HDL CHOLESTEROL 31 mg/dl |  |  | 02/10/98 | 0718 |
| LDL CHOLESTEROL 90 mg/dl |  |  | 02/10/98 | 0718 |
| CV800 CREATININE 1.3 mg/dL |  |  | 02/10/98 | 0718 |
| POTASSIUM 4.7 mmol/L |  |  | 02/10/98 | 0718 |
| HS502 GLUCOSE 155. mg/dL | H |  | 02/10/98 | 0718 |
| SGOT 26. U/L |  |  | 02/10/98 | 0718 |
| HEMOGLOBIN A1C 5.8 % |  |  | 02/10/98 | 0719 |
| 000003405 CV200 CREATININE .9 mg/dL |  |  | 03/31/98 | 0724 |
| 000009656 CV350 CHOLESTEROL 281. mg/dL | H |  | 06/03/98 | 0725 |
| SGOT 23. U/L |  |  | 06/03/98 | 0725 |
| TRIGLYCERIDES 239. mg/dL | H |  | 06/03/98 | 0725 |
| HDL CHOLESTEROL 37 mg/dl |  |  | 06/03/98 | 0725 |
| LDL CHOLESTEROL 196 mg/dl | H |  | 06/03/98 | 0725 |
| 000006829 CV200 CREATININE .9 mg/dL |  |  | 07/14/98 | 0723 |
| GA301 CREATININE .9 mg/dL |  |  | 07/14/98 | 0723 |
| HS502 GLUCOSE 286. mg/dL | H |  | 07/31/98 | 0723 |
| SGOT 83. U/L | H |  | 07/14/98 | 0723 |
| GLUCOSE, 2HR PP 405. mg/dl | H |  | 07/31/98 | 1010 |
| HEMOGLOBIN A1C 7.4 % | H |  | 07/14/98 | 0723 |
| 000006902 CV200 CREATININE 1.1 mg/dL |  |  | 06/23/98 | 1442 |
| GA301 CREATININE 1.1 mg/dL |  |  | 06/23/98 | 1442 |
| 000003405 CV350 CHOLESTEROL 237. mg/dL | H |  | 07/29/98 | 0707 |