

# Prescription Drug Event Record Layout

## HDR RECORD

FIELD NO.	FIELD NAME	NCPDP FIELD	POSITION	PICTURE	LENGTH	NCPDP, CMS OR PDFS DEFINED	DEFINITION / VALUES
1	RECORD ID		1 - 3	X(3)	3	PDFS	"HDR"
2	SUBMITTER ID		4 - 9	X(6)	6	CMS	Unique ID assigned by CMS.
3	FILE ID		10 - 19	X(10)	10	PDFS	Unique ID provided by Submitter. Same ID cannot be used within 12 months.
4	TRANS DATE		20 - 27	9(8)	8	PDFS	Date of file transmission to PDFS.
5	PROD TEST CERT IND		28 - 31	X(4)	4	PDFS	TEST, CERT or PROD
6	FILLER		32 - 512	X(481)	481		SPACES

## BHD RECORD

FIELD NO.	FIELD NAME	NCPDP FIELD	POSITION	PICTURE	LENGTH	NCPDP, CMS OR PDFS DEFINED	DEFINITION / VALUES
1	RECORD ID		1 - 3	X(3)	3	PDFS	"BHD"
2	SEQUENCE NO		4 - 10	9(7)	7	PDFS	Must start with 0000001
3	CONTRACT NO		11 - 15	X(5)	5	CMS	Assigned by CMS
4	PBP ID		16 - 18	X(3)	3	CMS	Assigned by CMS
5	FILLER		19 - 512	X(494)	494		SPACES

## DET RECORD

FIELD NO.	FIELD NAME	NCPDP FIELD	POSITION	PICTURE	LENGTH	NCPDP, CMS OR PDFS DEFINED	DEFINITION / VALUES
1	RECORD ID		1 - 3	X(3)	3	PDFS	"DET"
2	SEQUENCE NO		4 - 10	9(7)	7	PDFS	Must start with 0000001
3	CLAIM CONTROL NUMBER		11 - 50	X(40)	40	CMS	Optional Field
4	HEALTH INSURANCE CLAIM NUMBER (HICN)		51 - 70	X(20)	20	CMS	Medicare Health Insurance Claim Number or Railroad Retirement Board (RRB) number.
5	CARDHOLDER ID	302-C2	71 - 90	X(20)	20	NCPDP	Plan identification of the enrollee. Assigned by plan.
6	PATIENT DATE OF BIRTH (DOB)	304-C4	91 - 98	9(8)	8	NCPDP	CCYYMMDD Optional Field
7	PATIENT GENDER CODE	305-C5	99 - 99	9(1)	1	NCPDP	1 = M 2 = F Unspecified or unknown values are not accepted
8	DATE OF SERVICE (DOS)	401-D1	100 - 107	9(8)	8	NCPDP	CCYYMMDD
9	PAID DATE		108 - 115	9(8)	8	CMS	CCYYMMDD, The date the plan paid the pharmacy for the prescription drug. Mandatory for Fallback plans , Optional for all other plans
10	PRESCRIPTION SERVICE REFERENCE NO	402-D2	116 - 124	9(9)	9	NCPDP	The field length is 9 to accommodate proposed future NCPDP standard. Under 5.1 right justify and fill with 2 leading zeros. When plans compile PDEs from non-standard formats, the plans must assign a unique reference number if necessary. A reference number must be unique for any DOS and Service Provider ID combination.
11	FILLER		125 - 126	X(2)	2		SPACES
12	PRODUCT SERVICE ID	407-D7 or 489- TE	127 - 145	X(19)	19	NCPDP	DDPS accepts NDC only. Do not report HRI or UPC codes. Fill the first 11 positions, no spaces or hyphens, followed by 8 spaces. Format is MMMMMDDDDPP. If Compound Code (field 17) = 2 (Compound) and the NCPDP Compound Segment is used in claims processing, the Product Service ID (field 12) contains the NDC of the most expensive Part D covered drug from the Compound Product ID (489-TE) occurrences. If Compound Code (field 17) = 2 (Compound) and the Compound Segment is not used in claims processing, the Product Service ID (field 12) contains the NDC from the Product/Service ID (407-D7) from the NCPDP Claim Segment.

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							DDPS will reject the following billing codes for compounded legend and/or scheduled drugs: 9999999999, 9999999992, 9999999993, 9999999994, 9999999995, and 9999999996.
13	SERVICE PROVIDER ID QUALIFIER	202-B2	146 - 147	X(2)	2	NCPDP	Mandatory for Standard Format The type of pharmacy provider identifier used in field 14. 01 = National Provider Identifier (NPI) 06 = UPIN 07 = NCPDP Number 08 = State License 11 – Federal Tax Number 99 – Other For Non-Standard formats any of the above values are acceptable. For Standard Data Format, valid values are 01 – NPI or 07 – NCPDP Provider ID
14	SERVICE PROVIDER ID	201-B1	148 - 162	X(15)	15	NCPDP	When Plans report Service Provider ID Qualifier = '99' - Other, populate Service Provider ID with the default value "PAPERCLAIM" defined for TrOOP Facilitation Contract. When Plans report Federal Tax Number (TIN), use the following format: ex: 999999999 (do not report embedded dashes)
15	FILL NUMBER	403-D3	163 - 164	9(2)	2	NCPDP	Values = 0 - 99. If unavailable, use 0.
16	DISPENSING STATUS	343-HD	165 -165	X(1)	1	NCPDP	Blank = Not Specified P = Partial Fill C = Completion of Partial Fill
17	COMPOUND CODE	406-D6	166 - 166	9(1)	1	NCPDP	0=Not specified 1=Not a Compound 2=Compound

FIELD NO.	FIELD NAME	NCPDP FIELD	POSITION	PICTURE	LENGTH	NCPDP, CMS OR PDFS DEFINED	DEFINITION / VALUES
18	DISPENSE AS WRITTEN (DAW) PRODUCT SELECTION CODE	408-D8	167 - 167	X(1)	1	NCPDP	0=No Product Selection Indicated 1=Substitution Not Allowed by Prescriber 2=Substitution Allowed - Patient Requested Product Dispensed 3=Substitution Allowed - Pharmacist Selected Product Dispensed 4=Substitution Allowed - Generic Drug Not in Stock 5=Substitution Allowed - Brand Drug Dispensed as Generic 6=Override 7=Substitution Not Allowed - Brand Drug Mandated by Law 8=Substitution Allowed Generic Drug Not Available in Marketplace 9=Other
19	QUANTITY DISPENSED	442-E7	168 - 177	9(7)V999	10	NCPDP	Number of Units, Grams, Milliliters, other. If compounded item, total of all ingredients will be supplied as Quantity Dispensed.
20	DAYS SUPPLY	405-D5	178 - 180	9(3)	3	NCPDP	0 – 999
21	PRESCRIBER ID QUALIFIER	466-EZ	181 - 182	X(2)	2	NCPDP	The type of prescriber identifier used in field 22. 01 = National Provider Identifier (NPI when implemented) 06 = UPIN 08 = State License Number 12 = Drug Enforcement Administration (DEA) number Mandatory for Standard Format. Optional when non-standard data format = 'B', 'C', 'P', or 'X'
22	PRESCRIBER ID	411-DB	183 - 197	X(15)	15	NCPDP	Mandatory for Standard Format. Mandatory for non-standard data format when Prescriber ID Qualifier is present and valid. Optional when non-standard data format = 'B', 'C', 'P', or 'X' when Prescriber ID Qualifier is not present

FIELD NO.	FIELD NAME	NCPDP FIELD	POSITION	PICTURE	LENGTH	NCPDP, CMS OR PDFS DEFINED	DEFINITION / VALUES
23	DRUG COVERAGE STATUS CODE		198 - 198	X(1)	1	CMS	Coverage status of the drug under part D and/or the PBP. C = Covered E = Supplemental drugs (reported by Enhanced Alternative plans only) O = Over-the-counter drugs
24	ADJUSTMENT DELETION CODE		199 - 199	X(1)	1	CMS	A = Adjustment D = Deletion Blank = Original PDE
25	NON- STANDARD FORMAT CODE		200 - 200	X(1)	1	CMS	Format of claims originating in a non-standard format. B = Beneficiary submitted claim C = COB claim P = Paper claim from provider X = X12 837 Blank = NCPDP electronic format
26	PRICING EXCEPTION CODE		201 - 201	X(1)	1	CMS	M = Medicare as Secondary Payer O = Out-of-network pharmacy Blank = In-network pharmacy and Medicare Primary
27	CATASTROPHIC COVERAGE CODE		202 - 202	X(1)	1	CMS	A = Attachment Point met on this event C = Above Attachment Point Blank = Attachment Point Not Met
28	INGREDIENT COST PAID	506-F6	203 - 210	S9(6)V99	8	NCPDP	Amount the pharmacy is paid for the drug itself. Dispensing fees or other costs are not included in this amount.
29	DISPENSING FEE PAID	507-F7	211 - 218	S9(6)V99	8	NCPDP	Amount the pharmacy is paid for dispensing the medication. The fee may be negotiated with pharmacies at the plan or PBM level. Additional fees may be charged for compounding/mixing multiple drugs. Do not include administrative fees. Vaccine Admin. Fee reported in Field 40
30	TOTAL AMOUNT ATTRIBUTED TO SALES TAX		219 - 226	S9(6)V99	8	CMS	Depending on jurisdiction, Sales Tax may be calculated in different ways or reported in multiple NCPDP fields. Plans will report the total sales tax for the PDE irregardless of how the tax is calculated or reported at point-of-sale.
31	GROSS DRUG COST BELOW OUT- OF-POCKET THRESHOLD (GDCB)		227 - 234	S9(6)V99	8	CMS	When the Catastrophic Coverage Code = blank, this field equals the sum of Ingredient Cost Paid + Dispensing Fee Paid + Total Amount Attributed to Sales Tax+ Vaccine Admin Fee. When the Catastrophic Coverage Code = A this field equals the portion of Ingredient Cost Paid + Dispensing Fee Paid + Total Amount Attributed to Sales Tax+ Vaccine Admin Fee falling at or below the OOP threshold. The remaining portion is reported in GDCA.

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32	GROSS DRUG COST ABOVE OUT-OF-POCKET THRESHOLD (GDCA)		235 - 242	S9(6)V99	8	CMS	When the Catastrophic Coverage Code = 'C', this field equals the sum of Ingredient Cost Paid + Dispensing Fee Paid + Total Amount Attributed to Sales Tax + Vaccine Admin. Fee above the OOP threshold. When the Catastrophic Coverage Code = 'A' this field equals the portion of Ingredient Cost Paid + Dispensing Fee Paid + Total Amount Attributed to Sales Tax + Vaccine Admin Fee falling above the OOP threshold. The remaining portion is reported in GDCB.
33	PATIENT PAY AMOUNT	505-F5	243 - 250	S9(6)V99	8	NCPDP	Payments made by the beneficiary or by family or friends at point of sale. These amounts count towards a beneficiary's TrOOP costs.
34	OTHER TROOP AMOUNT		251 - 258	S9(6)V99	8	CMS	Other health insurance payments by TrOOP-eligible other payers. This field records all third party payments that contribute to a beneficiary's TrOOP, i.e. all TrOOP eligible payments except LICS and Patient Pay Amount. Examples: payments made on behalf of a beneficiary by charities or qualified SPAPs.
35	LOW INCOME COST SHARING SUBSIDYAMOUNT (LICS)		259 - 266	S9(6)V99	8	CMS	Amount the plan reduced patient liability due to a beneficiary's LICS status. The MMA provides for Medicare payments to plans to subsidize the cost-sharing liability of qualifying low-income beneficiaries at the point of sale. This amount counts towards a beneficiary's TrOOP costs.
36	PATIENT LIABILITY REDUCTION DUE TO OTHER PAYER AMOUNT (PLRO)		267 - 274	S9(6)V99	8	CMS	Amounts by which patient liability is reduced due to payment by other payers that are not TrOOP-eligible and do not participate in Part D. Examples of non-TrOOP-eligible payers: group health plans, governmental programs (e.g. VA, TRICARE), Workers' Compensation, Auto/No-Fault/Liability Insurances.
37	COVERED D PLAN PAID AMOUNT (CPP)		275 - 282	S9(6)V99	8	CMS	The net Medicare covered amount which the plan has paid for a Part D covered drug under the Basic benefit. Amounts paid for supplemental drugs, supplemental cost-sharing and over-the-Counter drugs are excluded from this field.

FIELD NO.	FIELD NAME	NCPDP FIELD	POSITION	PICTURE	LENGTH	NCPDP, CMS OR PDFS DEFINED	DEFINITION / VALUES
38	NON COVERED PLAN PAID AMOUNT (NPP)		283 - 290	S9(6)V99	8	CMS	The amount of plan payment for enhanced alternative benefits (cost sharing fill-in and/or non-Part D drugs). This dollar amount is excluded from risk corridor calculations and TrOOP accumulation.
39	ESTIMATED REBATE AT POS		291 -298	S9(6)V99	8	CMS	The estimated amount of rebate that the plan sponsor has elected to apply to the negotiated price as a reduction in the drug price made available to the beneficiary at the point of sale. This estimate should reflect the rebate amount that the plan sponsor reasonably expects to receive from a pharmaceutical manufacturer or other entity.
40	VACCINE ADMINISTRATION FEE		299-306	S9(6)V99	8	CMS	The fee reported by a pharmacy, physician, or provider to cover the cost of administering a vaccine, excluding the ingredient cost and dispensing fee
41	PRESCRIPTION ORIGIN CODE	419-DJ	307-307	X(1)	1	NCPDP	'0'=Not Specified '1'=Written '2'=Telephone '3'=Electronic '4'=Facsimile <Blank>
42	FILLER		308-512	X(205)	205	CMS	SPACES

Notes:

For any field that references NCPDP values, please refer to the appropriate NCPDP specification to ensure compliance.

All dollar fields are mandatory. If the field is not applicable, report a default value of zeroes. Since the field is a signed field, plans must utilize the appropriate overpunch signs as specified in the *NCPDP Telecommunications Standard, Version 5.1*.

## BTR RECORD

FIELD NO.	FIELD NAME	NCPDP FIELD	POSITION	PICTURE	LENGTH	NCPDP, CMS OR PDFS DEFINED	DEFINITION / VALUES
1	RECORD ID		1 - 3	X(3)	3	PDFS	"BTR"
2	SEQUENCE NO		4 - 10	9(7)	7	PDFS	Must start with 0000001
3	CONTRACT NO		11 - 15	X(5)	5	CMS	Must match BHD
4	PBP ID		16 - 18	X(3)	3	CMS	Must match BHD
5	DET RECORD TOTAL		19 - 25	9(7)	7	CMS	Total count of DET records
6	FILLER		26 -512	X(487)	487	CMS	SPACES

## TLR RECORD

FIELD NO.	FIELD NAME	NCPDP FIELD	POSITION	PICTURE	LENGTH	NCPDP, CMS OR PDFS DEFINED	DEFINITION / VALUES
1	RECORD ID		1 - 3	X(3)	3	PDFS	"TLR"
2	SUBMITTER ID		4 - 9	X(6)	6	CMS	Must match HDR
3	FILE ID		10 - 19	X(10)	10	PDFS	Must match HDR
4	TLR BHD RECORD TOTAL		20 - 28	9(9)	9	CMS	Total count of BHD records
5	TLR DET RECORD TOTAL		29 - 37	9(9)	9	CMS	Total count of DET records
6	FILLER		38 -512	X(475)	475	CMS	SPACES

**Note:**

Maximum number of detail records per file is 3 million records. If one file contains multiple batches, maximum record count applies to the cumulative total across all batches.

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