

## Changes since the 10/06/23 TRG posting

- Added some additional text to Section 9.2 to clarify what it means when an action type is listed optional.
- Clarified text that mentioned “in a future release” to say “in a future system release”.
- For Header – Identification Code, clarified the action types.
- Header Form Version Date:
  - Updated the Comments field for the Form Version Date field in the header to further clarify what the 2020 option is referring to and to make clear that the field is required.
  - Added a fatal error that we will be implementing.
- For line 2a:
  - Corrected submission types for action type 14.
  - Corrected error codes 3202, 3203, 4058, and 4060 to reflect the correct submission types.
- For line 2i, added TBD for the proposed HUD-50058 MTW error code.
- For line 3m, inserted the error codes (they had been omitted in error).
- For line 3r (MTW form only), we have added some additional information from the MTW program office to the Comments field.
- For line 3w, updated error description for error code 3197 to reflect a head of household change cannot be done with an action type 12.
- For line 7b, changed error code 4330 to reflect that it is now only applicable to submission types 50058 and MTWEX and added a new error code for submission type MTW.
- For line 10r, error code 5308 has been corrected to reflect that it is a warning.
- For line 19k, we have corrected the description.

## Changes since the 07/21/23 TRG posting

- In Sections 2.0 through 10.0, edits to add references to the HUD-50058 MTW, add information about submission statuses, and other edits to update and correct information.
- Added content about submission statuses in Section 10.
- Corrected typo throughout the document that said “Family subsidy status under Noncitizen Rule” instead of “Family subsidy status under Noncitizens Rule.”
- For line 1g, added placeholder for error code 9546, which was previously removed in error. We are in the process of adding it back in.
- Moved error codes 5514 and 5519 from line 2a to line 2b.
- For line 3w, corrected action types that this line can be included for (removed action type 12).
- For line 8e, removed error code 3184 because it was a duplicate of 4356.
- For line 9c, updated the list of error codes relaxed for submission type MTWEX.
- For line 9h, updated the list of error codes relaxed for submission type MTWEX.
- For line 12y, corrected the program types that error codes are relaxed from fatal to warning for.
- For lines 12am and 12an, added placeholders for error codes that will be added at a future date.
- For lines 17e, 17f, and 17g, corrected the JSON name fields.
- For lines 17i and 17r (the family services table), corrected the JSON name fields. *These values are also used for Section 23.*
- For lines 17p(2) and 17p(3), corrected the JSON path.
- The error descriptions for the following error codes have been updated. This includes references to the above-mentioned noncitizens rule in addition to some punctuation and spelling items.

HIP Technical Reference Guide Changes  
(2020 version of the forms)

There are also some error descriptions that were updated for continuity with slight wording changes on the 2024 version of the forms. For 4206, the wrong error description was previously entered.

Section	Field Num	Error Code
1	1g	4044
1	1h	9501
2	2a	3203
2	2a	4056
2	2a	9622
2	2c	9586
2	2h	4098
2	2j	4112
2	2k	4118
2	2m	4120
2	2v	3128
2	2x	5601
3	3g	5444
3	3n	5510
3	3p	5293
3	3q	4198
3	3q	4206
3	3r	9222
3	3s	9333
3	3u	4216
3	3u	4218
3	3u	4220
3	3u	4222
3	3u	4224
3	3v	4228
3	3v	5462
3	3w	3197
3	3w	5515
5	5k	4296
6	6j	4320
7	7e	4342
8	8m	4396
8	8q	4412
8	8q	4414
8	8s	4422
8	8u	4086
8	8x	4081
8	8x	4432
8	8y	4438
9	9a	4444
9	9c	4448
9	9c	4450
9	9d	4452
9	9e	4456
9	9f	4464
9	9g	5469
9	9m	4482
10	10c	4494
10	10c	4496

HIP Technical Reference Guide Changes  
(2020 version of the forms)

Section	Field Num	Error Code
10	10c	5306
10	10d	4498
10	10d	4500
10	10d	4502
10	10d	9366
10	10f	4512
10	10h	4518
10	10h	4520
10	10h	5307
10	10i	4524
10	10j	4528
10	10k	4532
10	10w	4119
11	11b	4558
11	11r	4598
11	11r	4600
11	11s	4602
11	11u	4088
11	11v	4043
11	11v	4089
11	11v	4090
11	11v	4121
11	11w	4092
11	11w	4123
11	11w	9516
11	11aa	4610
11	11aa	4612
11	11ae	4614
11	11ap	4093
11	11ap	4097
11	11aq	4099
11	11aq	4101
11	11ar	4103
11	11ar	4127
12	12b	4650
12	12i	3173
12	12t	4686
12	12t	4688
12	12v	4692
12	12v	4694
12	12w	4698
12	12x	9505
12	12y	9500
12	12y	9506
12	12y	9507
12	12y	9517
12	12z	9364
12	12z	9509
12	12z	9520
12	12ai	4714
12	12ak	9510
12	12ak	9511
12	12am	9372

HIP Technical Reference Guide Changes  
(2020 version of the forms)

Section	Field Num	Error Code
12	12am	9512
12	12an	9374
12	12an	9514
15	15a	5479
15	15e	5351
15	15i	4862
15	15m	4880
15	15p	4884
15	15p	4886
15	15ab	4824
15	15ae	4904
17	17c	3188
17	17c	3189
17	17c	4948
17	17c	4950
17	17d	4954
17	17h(1)	4978
17	17h(1)	4980
17	17h(1)	4982
17	17h(1)	9153
17	17h(1)	9187
17	17h(1)	9198
17	17h(2)	4984
17	17h(2)	4988
17	17h(2)	9122
17	17h(2)	9151
17	17h(3)	4990
17	17h(3)	4992
17	17h(3)	9133
17	17h(3)	9137
17	17h(3)	4994
17	17h(3)	4996
17	17h(3)	9123
17	17h(3)	9168
17	17h(3)	4998
17	17h(3)	5000
17	17h(3)	9150
17	17h(3)	9173
17	17h(4)	5002
17	17h(4)	5004
17	17h(4)	5006
17	17h(4)	9116
17	17h(4)	9134
17	17h(4)	9169
17	17h(5)	5008
17	17h(5)	9140
17	17h(5)	5012
17	17h(5)	9113
17	17h(5)	5016
17	17h(5)	9146
17	17h(5)	5020
17	17h(5)	9135
17	17h(5)	5024

HIP Technical Reference Guide Changes  
(2020 version of the forms)

Section	Field Num	Error Code
17	17h(5)	9139
17	17h(6)	5028
17	17h(6)	5030
17	17h(6)	5032
17	17h(6)	9119
17	17h(6)	9178
17	17h(6)	9185
17	17i(1)(a)	5034
17	17i(1)(a)	5036
17	17i(1)(b)	5038
17	17i(1)(b)	5040
17	17i(1)(c)	5042
17	17i(1)(c)	5044
17	17i(1)(d)	5046
17	17i(1)(d)	5048
17	17i(1)(e)	5050
17	17i(1)(e)	5052
17	17i(1)(f)	5054
17	17i(1)(f)	5056
17	17i(1)(g)	5058
17	17i(1)(g)	5060
17	17i(1)(h)	5062
17	17i(1)(h)	5064
17	17i(1)(i)	5066
17	17i(1)(i)	5068
17	17i(1)(j)	5070
17	17i(1)(j)	5072
17	17i(1)(k)	5074
17	17i(1)(k)	5076
17	17i(1)(L)	5078
17	17i(1)(L)	5080
17	17i(1)(m)	5082
17	17i(1)(m)	5084
17	17i(1)(n)	5086
17	17i(1)(n)	5088
17	17i(2)(a)	5090
17	17i(2)(b)	5092
17	17i(2)(c)	5094
17	17i(2)(d)	5095
17	17i(2)(e)	5098
17	17i(2)(f)	5100
17	17i(2)(g)	5102
17	17i(2)(h)	5104
17	17i(2)(i)	5106
17	17i(2)(j)	5108
17	17i(2)(k)	5110
17	17i(2)(L)	5112
17	17i(2)(m)	5114
17	17i(3)(a)	5116
17	17i(3)(b)	5118
17	17i(3)(c)	5120
17	17i(3)(d)	5122
17	17i(3)(e)	5124

HIP Technical Reference Guide Changes  
(2020 version of the forms)

Section	Field Num	Error Code
17	17i(3)(f)	5126
17	17i(3)(g)	5128
17	17i(3)(h)	5130
17	17i(3)(i)	5132
17	17i(3)(j)	5134
17	17i(3)(k)	5136
17	17i(3)(L)	5138
17	17i(3)(m)	5140
17	17j(3)	5156
17	17j(1)	5142
17	17j(1)	5144
17	17j(1)	5146
17	17j(1)	5148
17	17k(2)	5170
17	17k(2)	5172
17	17k(2)	5174
17	17k(2)	5301
17	17m(3)	5190
17	17n(1)	9112
17	17n(1)	9121
17	17n(1)	9155
17	17n(1)	9186
17	17n(2)	9194
17	17n(3)	9189
17	17n(4)	9129
17	17p(1)	9177
17	17p(1)	9181
17	17p(2)	9128
17	17p(3)	9171
17	17p(3)	9175
17	17q(2)	9162
17	17q(2)	9184
17	17q(3)	9193
17	17r(1)(a)	9202
17	17r(1)(a)	9203
17	17r(1)(b)	9204
17	17r(1)(b)	9205
17	17r(1)(c)	9206
17	17r(1)(c)	9207
17	17r(1)(d)	9208
17	17r(1)(d)	9209
17	17r(1)(e)	9210
17	17r(1)(e)	9211
17	17r(1)(f)	9212
17	17r(1)(f)	9213
17	17r(1)(g)	9214
17	17r(1)(g)	9215
17	17r(1)(h)	9216
17	17r(1)(h)	9217
17	17r(1)(i)	9218
17	17r(1)(i)	9219
17	17r(1)(j)	9220
17	17r(1)(j)	9221

HIP Technical Reference Guide Changes  
(2020 version of the forms)

Section	Field Num	Error Code
17	17r(1)(k)	9223
17	17r(1)(k)	9558
17	17r(1)(L)	9224
17	17r(1)(L)	9225
17	17r(1)(m)	9226
17	17r(1)(m)	9227
17	17r(1)(n)	9228
17	17r(1)(n)	9229
17	17r(2)(a)	9230
17	17r(2)(b)	9231
17	17r(2)(c)	9232
17	17r(2)(d)	9233
17	17r(2)(e)	9234
17	17r(2)(f)	9235
17	17r(2)(g)	9236
17	17r(2)(h)	9237
17	17r(2)(i)	9238
17	17r(2)(j)	9239
17	17r(2)(k)	9240
17	17r(2)(L)	9241
17	17r(2)(m)	9242
17	17r(3)(a)	9243
17	17r(3)(b)	9244
17	17r(3)(c)	9245
17	17r(3)(d)	9246
17	17r(3)(e)	9247
17	17r(3)(f)	9248
17	17r(3)(g)	9249
17	17r(3)(h)	9250
17	17r(3)(i)	9251
17	17r(3)(j)	9252
17	17r(3)(k)	9253
17	17r(3)(L)	9254
17	17r(3)(m)	9255

## Changes since the 10/25/22 TRG posting

- Corrected the links to the HIP Technical Information page due to the URL update a couple of months ago.
- Updated the Form Version Date field in the header to reflect that it is an alphanumeric field and what should be entered in this field. When the form is updated in the system in the future, we will update the information on what to enter.
- General cleanup of formatting, including codes with single quotes and line number references, in comment fields.
- For line 1b, error code 3118 has been removed. Users should receive an API error prior to their file even being validated.
- For line 1g, error code 9546 is being removed while additional development is done.
- For line 2a, error codes 3205 and 3206 were added.

HIP Technical Reference Guide Changes  
(2020 version of the forms)

- For line 2n, error codes 5262 and 9549 the list of codes coded into these errors matches what is posted on the HIP Technical Information page (and IMS/PIC web page). As referenced below, the error descriptions have been updated to something more generic so that it doesn't need to be modified each time there is a change.
- For line 10b, error code 4486 had been omitted in error and has now been added
- For line 17j(2), updated comments
- We continue to update error descriptions for clarity. This includes removing references to code numbers. We have also been working to remove some of the leftover formatting from when the error code list was exported from IMS/PIC and contained single quotes around text. We are hoping this will also help with any future work on the error codes. The list below contains what error codes have had their descriptions cleaned up in this batch. There may be additional ones addressed as we continue to work on the document.

Section	Field Num	Error Code
1	1b	3118
1	1d	4016
1	1d	4020
1	1e	4030
1	1f	4036
1	1g	4038
1	1g	4040
1	1h	4046
1	1h	4047
1	1h	4049
1	1h	4053
1	1h	4055
2	2a	3202
2	2a	3203
2	2a	4056
2	2a	4058
2	2a	4060
2	2a	4062
2	2a	4064
2	2a	4173
2	2a	5279
2	2a	5338
2	2a	5519
2	2c	5458
2	2c	9586
2	2c	9587
2	2d	3101
2	2d	5459
2	2k	4118
2	2m	4120
2	2m	4122
2	2n	5262
2	2n	5342
2	2n	5357
2	2n	9549
2	2n	9552
2	2n	9553
2	2n	9557



HIP Technical Reference Guide Changes  
(2020 version of the forms)

Section	Field Num	Error Code
2	Form Name	9585
3	3a	4134
<b>3</b>	3e	5443
3	3g	5444
<b>3</b>	3h	3180
3	3h	4150
3	3h	5335
3	3h	5336
3	3h	5445
3	3i	4156
3	3i	5446
3	3k	4160
<b>3</b>	3k	5447
<b>3</b>	3m	4162
<b>3</b>	3m	9554
<b>3</b>	3n	5270
<b>3</b>	3q	4200
3	3q	4202
3	3q	4204
3	3q	4206
3	3q	5454
3	3u	4216
<b>3</b>	3u	4218
<b>3</b>	3u	4220
<b>3</b>	3u	4222
<b>3</b>	3u	4224
<b>3</b>	3v	4228
3	3v	5462
3	3w	4238
<b>3</b>	3w	5321
4	4a	4240
4	4c	4244
4	4d	4246
4	4e	4248
5	5b	4260
5	5c	4262
5	5c	4264
5	5c	4268
5	5e	4274
5	5f	4276
5	5g	4278
5	5j	4292
<b>5</b>	5k	4296
<b>5</b>	5k	4300
<b>7</b>	7b	4330
8	8h	4372
<b>8</b>	8h	4376
<b>8</b>	8i	4380
8	8j	4386
<b>8</b>	8m	4396
<b>8</b>	8m	5468
<b>8</b>	8n	4400
<b>8</b>	8n	4404

HIP Technical Reference Guide Changes  
(2020 version of the forms)

<b>Section</b>	<b>Field Num</b>	<b>Error Code</b>
<b>8</b>	8x	4081
<b>8</b>	8x	4434
<b>9</b>	9a	4444
9	9i	5337
9	9j	4476
9	9j	4478
9	9j	4480
10	10b	4488
<b>10</b>	10c	4494
<b>10</b>	10c	4496
<b>10</b>	10c	5306
<b>10</b>	10d	4500
<b>10</b>	10d	4502
<b>10</b>	10d	9366
<b>10</b>	10f	4512
<b>10</b>	10h	4518
<b>10</b>	10h	4520
<b>10</b>	10h	5307
<b>10</b>	10i	4524
<b>10</b>	10j	4528
10	10k	4532
10	10u	4554
<b>10</b>	10u	4556
<b>10</b>	10w	4072
<b>10</b>	10w	4073
<b>11</b>	11aa	4610
<b>11</b>	11aa	4612
<b>11</b>	11ae	4614
<b>11</b>	11b	4558
11	11b	5482
11	11e	4566
11	11g(2)	5476
11	11g(3)	5480
11	11r	4598
<b>11</b>	11r	4600
<b>11</b>	11s	4602
<b>12</b>	12ac	9536
<b>12</b>	12ai	4714
<b>12</b>	12aq	9376
12	12b	4650
12	12b	5473
12	12c	4652
12	12c	5474
12	12d	4654
12	12d	5475
12	12e	9529
12	12g(1)	3148
12	12g(2)	5477
12	12g(3)	4658
12	12g(3)	5478
12	12q	4678
12	12t	4686
<b>12</b>	12t	4688

HIP Technical Reference Guide Changes  
(2020 version of the forms)

Section	Field Num	Error Code
12	12v	4692
12	12v	4694
12	12v	9522
12	12w	4698
13	13b	5441
13	13c	9578
15	15a	5479
15	15ab	4824
15	15c	4844
15	15d	9530
15	15e	4846
17	17a(1)	9579
17	17b	4944
17	17b	4946
17	17d	4954
17	17h(1)	4978
17	17h(1)	4980
17	17h(1)	4982
17	17h(1)	9153
17	17h(1)	9187
17	17h(1)	9198
17	17h(2)	4984
17	17h(2)	9151
17	17h(3)(a)	4990
17	17h(3)(a)	4992
17	17h(3)(a)	9133
17	17h(3)(a)	9137
17	17h(3)(b)	4994
17	17h(3)(b)	4996
17	17h(3)(b)	9123
17	17h(3)(b)	9168
17	17h(3)(c)	4998
17	17h(3)(c)	5000
17	17h(3)(c)	9150
17	17h(3)(c)	9173
17	17h(4)	5002
17	17h(4)	5004
17	17h(4)	5006
17	17h(4)	9116
17	17h(4)	9134
17	17h(4)	9169
17	17h(5)(a)	5008
17	17h(5)(a)	9140
17	17h(5)(b)	5012
17	17h(5)(b)	9113
17	17h(5)(c)	5016
17	17h(5)(c)	9146
17	17h(5)(d)	5020
17	17h(5)(d)	9135
17	17h(5)(e)	5024
17	17h(5)(e)	9139
17	17h(6)	5030
17	17h(6)	5032

HIP Technical Reference Guide Changes  
(2020 version of the forms)

Section	Field Num	Error Code
17	17h(6)	9119
<b>17</b>	17h(6)	9178
<b>17</b>	17j(1)	5142
17	17j(1)	5144
17	17j(2)	5150
17	17j(3)	5154
17	17j(4)	5160
17	17j(5)	5162
17	17k(1)	5166
17	17k(1)	5168
17	17k(2)	5174
17	17k(3)	5178
17	17k(3)	5180
17	17m(1)	5182
17	17m(1)	5184
17	17m(2)	5186
17	17m(2)	5188
17	17m(3)	5190
17	17m(3)	5192
17	17n(1)	9186
<b>17</b>	17n(5)	9158
<b>17</b>	17q(1)	9144
17	17q(1)	9163
17	17q(3)	9193
17	17q(3)	9201
17	17r(2)(a)	9230
<b>17</b>	17r(3)(a)	9243
<b>17</b>	17r(3)(b)	9244
<b>17</b>	17r(3)(c)	9245
<b>17</b>	17r(3)(d)	9246
<b>17</b>	17r(3)(e)	9247
<b>17</b>	17r(3)(f)	9248
<b>17</b>	17r(3)(g)	9249
<b>17</b>	17r(3)(h)	9250
<b>17</b>	17r(3)(i)	9251
<b>17</b>	17r(3)(j)	9252
<b>17</b>	17r(3)(k)	9253
<b>17</b>	17r(3)(L)	9254
<b>17</b>	17r(3)(m)	9255

## Changes since the 09/27/22 TRG posting

- For line 3k, the formatting in the example for how multiple race codes should be submitted has been updated.
- For lines 17i and 17r, which are the family services tables for FSS and MTW self-sufficiency respectively, the JSON path references have been updated to reflect that they are child objects within familyServices, which is denoted by [\$].
- For line 17r(1)c, added the missing submission type, program type, and action type information.
- The error descriptions for the error codes listed below have been updated for clarity.

HIP Technical Reference Guide Changes  
(2020 version of the forms)

Section	Field Num	Error Code
7	7b	4328
7	7d	4334
7	7e	4344
7	7g	9358
7	7g	9360
7	7g	9362
15	15m	4882
17	17a	5481
17	17b	4946
17	17h(1) - FSS	4980
17	17h(1) – FSS	4982
17	17h(1) – MTWSS	9187
17	17h(1) – MTWSS	9198
17	17h(2) - FSS	4984
17	17h(2) – MTWSS	9151
17	17h(3)a – FSS	4990
17	17h(3)a- FSS	4992
17	17h(3)a – MTWSS	9133
17	17h(3)a – MTWSS	9137
17	17h(3)b - FSS	4994
17	17h(3)b – FSS	4996
17	17h(3)b – MTWSS	9123
17	17h(3)b – MTWSS	9168
17	17h(3)c - FSS	4998
17	17h(3)c - FSS	5000
17	17h(3)c – MTWSS	9150
17	17h(3)c - MTWSS	9173

## Changes since the 03/14/22 TRG posting

- The submission header information has been removed from Section 6.0 and moved to Section 11.0. It can be found in Section 11.1. The previous entry labeled Vendor Version Date has been corrected to Vendor Defined Data. *This has also been updated in the JSON mapping file that is posted.*
- For line 1h, error code 4049 has been added
- For line 2a:
  - Added error codes 5348, 5514, and 5519
  - Note: Error code 5349 that was removed in a previous revision will not be used since it refers to the historical database. The current system configuration does not move previous 50058 submissions to historical database tables.
- For line 2b, error code 5358 has been updated due to the FSS Final Rule
- The Form Name field in Section 11.3 Section 2. Action has been updated to reflect that the type is Alphanumeric not Numeric.
- For line 2n(1), updated the list of special program codes in error code 5262
- For line 2n(2), updated the list of special program codes in error code 9549 and removed 3124 that was a duplicate of 9549
- For lines 2q through 2u, updated the size to 40
- For line 3n, added error codes 4176, 4184, 4185, 5270, and 5274

HIP Technical Reference Guide Changes  
(2020 version of the forms)

- For line 5h, the program types have been updated and a note has been added regarding what program types the error code will be relaxed for
- For line 5i, the program types have been updated and a note has been added regarding what program types the error code will be relaxed for
- For line 15b, corrected the Type from Alphanumeric to Date
- For line 17b, error code 5358 has been updated due to the FSS final rule
- For line 17j(2), error codes 5150 and 5152 have been updated due to the FSS Final Rule.
- For line 17k(2), corrected the JSON Path
- For line 17k(3), corrected the JSON Path
- The error descriptions for the error codes listed below have been updated for clarity.

Section	Field Num	Error Code
1	1b	3300
2	2a	3303
2	2a	5339
2	2a	5346
2	2c	5458
2	2h	4096
2	2h	4098
2	2i	4100
2	2i	4102
2	2i	4104
2	2i	4106
2	2i	4108
2	2i	4110
2	2i	9581
2	2j	4114
3	3q	4198
3	3t	5461
5	5a	3135
8	8f	4362
8	8p	4408
8	8r	4418

## Changes since the 08/20/21 TRG posting

- For line 1c, clarified that program type CE that was previously included on the HUD-50058 in IMS/PIC is no longer in use and will be removed from a future revision of the HUD-50058. As noted in the TRG, it will not be accepted in submissions in IMS/PIC Modernization.
- For line 1d, updated the error description for error code 4016
- For line 1g, updated the error description for error code 4038
- For line 2a:
  - Clarified that zeros should not be used before single digit numbers
  - Removed error code 5349 pending further development of the overlapping date functionality
  - Removed error code 5356 because it is a duplicate of error code 5355
  - Error codes 5505, 5506, and 5507 were removed due to the updates made to the void functionality from what was in IMS/PIC

- Removed error code 5513 due to updated void functionality
- For line 2b, removed error code 5501
- For line 2c:
  - Removed error code 5500 due to updated correction functionality
  - Added error codes 9586, 9587, and 9588 due to updates made to the correction functionality from what was in IMS/PIC.
  - Added action type 15 to the list of action types
- Added attribute Form Name (JSON name formName) that will be used to identify which form will be corrected or voided
- For line 2i:
  - Added new error code 9581. This error code is applicable to voucher program types
  - Updated comment text to reflect that error codes 4104 and 9581 will be relaxed to warnings for submission type MTWEX
- For line 2m, clarified the comment text about the removing of Welfare to Work from the HUD-50058 MTW Expansion
- For line 3n:
  - Updated the error description for error code 4181
  - Added error codes 4183 and 4186 that have now been implemented
- For line 3w:
  - Corrected the action types that this line can be included in
  - Updated the error description for error code 3197
  - Removed error code 5522 since only the most recent action, determined by effective date, can be voided
- For line 8q, updated the error description for error code 4414 because the previously included reference to line 3t was not accurate.
- For line 9f, updated the comments to reflect error code 4462 will be relaxed to a warning for submission type MTWEX for all program types.
- For line 9j, updated the comments to reflect error codes 4474, 4476, and 4478 will be relaxed to warnings for submission type MTWEX for all program types.
- For line 11aa, added the submission type, program type, and action type lines to the table. They had previously been omitted in error.
- For line 17k(1), updated the comments to clarify how this line may be reported in certain situations.

## Changes since the 06/25/21 TRG posting

- Section 5.0, clarified the content of Table 5.1 and added note about line 1c, Program.
- Section 6.0, added JSON header information back into document
- For line 2n(1), the error description for error code 5262 was updated to include EHV
- For line 2n(2), the error description for error code 3124 was updated to include EHV
- The action type section for lines 3a through 3n has been corrected to reflect that household member information is required for action types 10 and 12. *Note that we are currently still verifying to ensure that there won't be any negative impacts on form submission due to this. However, given that the TRG is providing information on the final configuration of the system, this is how vendors should configure their software.*
- For line 8f, the error descriptions have been updated for error code 4360 and 4362.
- For line 8k, the error description has been updated for error code 4392

HIP Technical Reference Guide Changes  
(2020 version of the forms)

- For line 8p, the error description has been updated for error code 4410
- For line 9i, the program types have been corrected
- For line 10c, corrected the JSON name and JSON path
- For line 11g(3), corrected the JSON name
- For line 11s, error code 4602 has been corrected to reflect that it is a fatal error by default. The information about when it is being relaxed to a warning has not changed.
- For line 12y, the Comments section has been updated to reflect that error code 9507, not 9505, is being relaxed to a warning.
- For line 12ac, the Comments section has been updated to reflect that error code 9536, not 4614, is being relaxed to a warning.
- For lines 12ak, 12am, and 12an the Submission Type and Program Type sections have been corrected to reflect that
- For line 15p, corrected the size to 4

## Changes since the 06/15/21 TRG posting

- For line 2k:
  - Corrected the comment to reflect when this line can be left blank
  - Corrected the required action types
  - Updated the error description for error code 4118. The coding in the system is also updated to match.
- For line 2v, updated the comment to reflect when this line can be left blank. Also updated the required action types.
- For line 8m, error code 5468 is still under development as of when this TRG is posted but should be considered as implemented for vendor software development purposes.
- For line 8x:
  - Comment was modified to remove the statement “For submission type MTWEX, error code 4434 will be removed for all program types since it is not applicable to that form.” Since it already states that 4434 is only applicable to submission type 50058 this statement is no longer needed. The error will only be validating submission type 50058.
  - Error type that was omitted in error added to error codes 4432 and 4434
- For line 11d, error type that was omitted in error added to error code 9543
- For line 12g(3), error type that was omitted in error added to error code 5478
- For line 13x, error type that was omitted in error added to error code 4716
- For line 17k(3), the line name has been corrected
- For line 17p(2), two different error messages appeared for error code 9117. This has been corrected to reflect the actual text for 9117, which is a warning with a description of “FSS escrow account balance is usually less than \$25,000”

## Changes since the 12/22/20 TRG posting

**Summary:** The Technical Reference Guide (TRG) posted in June 2021 is the final TRG and reflects what PHAs will be able to utilize in the IMS/PIC Modernization system. As noted below, there are a few items that work is still in progress as of when this document is posted, however, these items should be considered as added or removed as noted.



HIP Technical Reference Guide Changes  
(2020 version of the forms)

- Multiple sections of the document – The error codes below are currently being worked on, as mentioned above.

Section	Field Num	Error Code	Status
1	1b	3117	Work in progress to add to the system
1	1b	4004	Work in progress to remove in the system
1	1b	4006	Work in progress to remove in the system
1	1d	4016	Work in progress to add to the system
1	1d	4020	Work in progress to add to the system
1	1e	4030	Work in progress to add to the system
1	1e	4061	Work in progress to remove in the system
1	1e	5259	Work in progress to remove in the system
1	1f	4036	Work in progress to add to the system
1	1f	9503	Work in progress to remove in the system
1	1f	9545	Work in progress to remove in the system
1	1g	4038	Work in progress to add to the system
1	1g	4040	Work in progress to add to the system
1	1g	4051	Work in progress to remove in the system
1	1h	9502	Work in progress to remove in the system
2	2a	3205	Work in progress to remove in the system
2	2a	3206	Work in progress to remove in the system
2	2a	4066	Work in progress to remove in the system
2	2a	5340	Work in progress to remove in the system
2	2a	5341	Work in progress to remove in the system
2	2a	5348	Work in progress to remove in the system
2	2a	5350	Work in progress to remove in the system
2	2a	5514	Work in progress to remove in the system
2	2b	5519	Work in progress to remove in the system
2	2n(01)	9560	Work in progress to add to the system
3	3f	9380	Work in progress to add to the system
3	3n	4174	Work in progress to remove in the system
3	3n	4183	Work in progress to remove in the system
3	3n	4185	Work in progress to remove in the system
3	3n	5270	Work in progress to remove in the system
3	3n	5274	Work in progress to remove in the system
10	10d	9366	Work in progress to add to the system
10	10h	5307	Work in progress to add to the system
12	12ah	9368	Work in progress to add to the system
12	12ah	9370	Work in progress to add to the system
12	12am	9372	Work in progress to add to the system
12	12an	9374	Work in progress to add to the system
12	12aq	9376	Work in progress to add to the system
17	17b	5358	Work in progress to add to the system

- Section 1 has been updated as needed and is now final
  - For line 1b:
    - Removed error codes 4004 and 4006. 4004 may be added back in a future release once more housing authority level information is added to the system.
    - Added error code 3117
  - For line 1c, removed error code 5509. This functionality may be in a future release.
  - For line 1d, added error codes 4016 and 4020
  - For lines 1e, 1f, 1g, and 1h:

HIP Technical Reference Guide Changes  
(2020 version of the forms)

- Removed error codes 4061 and 5259. Instead of presenting these errors for building number, building entrance number, and unit number if the combination is incorrect, it will only be presented for line 1g.
- Added error code 4030 for line 1e
- Added error code 4036 for line 1f
- Added error codes 4038 and 4040 for line 1g
- Removed error code 4051 from lines 1g and 1h. The Inventory Removals functionality will be implemented in a future release. Any error codes that are needed for that will be added at that time.
- Updated the error description for error code 4044 for line 1g and 1h. 4044 is now 9501 for line 1h.
- Section 2 has been updated as needed and is now final
  - For line 2a
    - Updated error description for error codes 3202, 3303, 4058, 4060, 4062, 4118, 5280, 5338, 5355, and 5506
    - Removed error codes 3205, 3206, 5348, 5350, and 5514. The overlapping date functionality will be implemented in a future release. Any error codes that are needed for that will be added at that time.
    - Removed error codes 4054, 4066, and 5457 since they are not needed
    - Removed error codes 5340 and 5341 since there are not separate databases for the different types of 50058s (HUD-50058 MTW will be developed in a future release)
  - For line 2b
    - Updated the error description for error code 4082
    - Removed error code 5519; the overlapping date functionality will be implemented in a future release.
  - For line 2h, updated the error description for error code 5460
  - For line 2i, updated the error description for error code 4100
  - For line 2k, updated error description and coding for error code 4118 to clarify program types and action types.
  - For line 2m:
    - Corrected JSON name
    - Updated error description for error code 4120
  - For lines 2n(1) and 2n(2)
    - Updated error description for error codes 3124, 5342, 9557
    - Removed error code 3126 because it is a duplicate of error code 5483
    - Removed error code 3302 because it is a duplicate of error code 5260
    - Added error code 9560 for 2n(1) and 9256 for 2n(2) for MS5
    - JSON name corrected for 2n(1) and 2n(2)
- Section 3
  - For line 3f, added new error code 9380
  - For line 3n:
    - Updated error description for error code 4174
    - Removed error code 4174 and 4182 because they duplicates of functionality in other error codes
    - Removed error code 4183 since the functionality needed at this time is covered by 4181

HIP Technical Reference Guide Changes  
(2020 version of the forms)

- Removed error codes 4185, 4186, 5270, 5274 since the overlapping date functionality will be implemented in a future release. Any error codes that are needed for that will be added at that time.
- Updated the error description for error code 4189 to remove action type 8
- Updated the error description for error code 5294 since the Tenant ID Management functionality to create Alternate IDs (AID) will be developed in a future release.
- Updated the error description for error code 5510
- For line 3q, updated the comments to reflect that it does not need to be included for program type H.
- For lines 3r and 3s, finalized details for the implemented error codes and descriptions
- For line 3t:
  - Updated the error description for error code 5461
  - Removed error code 3177 (duplicate of 4210)
- Section 4 has been updated as needed and is now final
  - For line 4a, updated the error description for error code 3133
  - For line 4b, updated the error description for error code 3204
  - Line 4b, zip code +4 before admission, was added back into the TRG. Error code 5464 is the only error code for this line. It was removed in error. It is collected in IMS/PIC and does need to be included in the new system.
  - For line 4e, error code 3134 has been removed
- Section 5 has been updated as needed and is now final
  - For line 5a (street), updated the error description for error code 3137
  - For line 5a (street), error code 4059 has been removed
  - For line 5a (city), error code 3138 has been removed
  - For line 5a (state), updated the error description for error code 4257
  - For line 5a (state), error code 3139 has been removed
  - For line 5a (zip), error code 3140 has been removed
  - For line 5a (zip+4), error code 3141 has been added
  - For line 5c (state), error code 4266 has been removed
  - For line 5c (state), error code 4267 has been added
  - For line 5c (zip), updated the error description for error code 4268
  - For line 5c (zip+4), error code 3136 has been added
  - For line 5e, updated the error description for error code 4274
  - For line 5f, updated the error description for error code 4276
  - For line 5j, updated the error description for error code 4290
  - For line 5j, error code 4292 has been added
  - For line 5k, error code 4300 has been added
- Section 6 has been updated as needed and is now final
- Section 7 has been updated as needed and is now final
  - Added new error codes for lines 7f and 7g
  - Updated the field size for line 7g
- Section 8 has been updated as needed and is now final
  - Noted that line 8a is not being included. It has also been removed from the JSON mapping file.
  - For line 8e, removed references to action type 6 since Section 8 of the form is not required for this action type. Also, updated the error description for error code 3184.

HIP Technical Reference Guide Changes  
(2020 version of the forms)

- For line 8f, added the statement “If head/spouse/co-head is under 62 and no family member is disabled, should equal zero.” to the comments.
- For line 8m, updated the error description for error code 5468
- Updated the field size for lines 8u and 8x
- Section 9 has been updated as needed and is now final
  - For line 9a, added error code 4442 which is used in IMS/PIC but was previously omitted from the TRG.
  - For line 9c, updated the error description for error code 4448
  - For line 9e, updated the error description for error code 4456
  - For line 9f, updated the error description for error code 4462
  - For line 9j, updated the error descriptions for error codes 4476 and 4478
  - For line 9m, updated the error description for error code 4482
- Section 10 has been updated as needed and is now final
  - Added line 10c, Income based ceiling rent, and its associated error codes for submission type 50058
  - Updates for line 10d:
    - Updated the error descriptions for error codes 4498 and 4500
    - Added new error code 9366. This was previously 4502 in IMS/PIC. 4502 had already been updated for the HUD-50058 MTW Expansion so a new code was created to validate submission type 50058.
  - For line 10h, added error code 5307 which is used in IMS/PIC but was previously omitted from the TRG.
  - For line 10u, added error code 4554 that is only used for submission type 50058
  - For line 10v, updated the error descriptions for error codes 4069 and 4070. *Note that these changes may not be visible after the release, but it does not affect how data will be validated.*
  - For line 10w:
    - Error code 4071 has been removed
    - Updated the field size for line 10w
- Section 11 has been updated as needed and is now final
  - For line 11b, updated the error description for error code 4558 and updated the associated coding to match.
  - Updates for line 11d
    - Removed error codes 4654 and 4844 because they are not needed. While portability information can be provided in Section 11, it cannot be included in an action type 4. Action type 4 requires a corresponding action type 5, which is not permitted for PBV.
    - Added error code 9543
  - For line 11e, removed error code 4564.
  - For line 11f, updated the error description for error code 4568
  - For line 11w
    - Clarified that both positive and negative values can be accepted to reflect if there is a utility reimbursement.
    - Updated error description for error code 4092
    - Removed error code 4071 that is not needed and 4091 since negative values can be accepted.
  - For line 11ak, added error code 4634

HIP Technical Reference Guide Changes  
(2020 version of the forms)

- For lines 11s and 11ak, removed error code 5442, IMS/PIC error message needed for ASCII files only
- For line 11aq, updated the error description for error code 4099
- For line 11ar
  - Clarified that both positive and negative values can be accepted to reflect if there is a utility reimbursement.
  - Removed error code 4105
- Section 12 has been updated as needed and is now final
  - For line 12i, updated the error description for error code 3174
  - For line 12p, removed error codes 4594 and 5264 that are not needed
  - For line 12t, updated the error description for error code 4688 to correct a typo
  - For line 12z:
    - Clarified that both positive and negative values can be accepted to reflect if there is a utility reimbursement.
    - Removed error code 4071 that is not needed and 4091 since negative values can be accepted.
    - Updated error code from 4119 to 9364.
  - For line 12ac, updated the error description for error code 9536 (used to be 4614)
  - For line 12ah, added error codes 9368 and 9370
  - For line 12ai, removed error code 3168, numeric field so dollar sign would not be included
  - For line 12an:
    - Clarified that both positive and negative values can be accepted to reflect if there is a utility reimbursement.
    - Corrected error description for error code 9514 (was 4103)
    - Removed error code 4105 that was added to the TRG in error
    - Updated error code 4127 to be 9372
  - For line 12ap:
    - Updated the field size and comments
    - Added error code 9165 to validate that value is numeric
  - For line 12aq:
    - Finalized details for the implemented error codes and descriptions
    - Updated the field size and comments
    - Added error code 9376 to validate that value is numeric
- Section 15 has been updated as needed and is now final
  - For line 15aa, added error code 9378
  - For line 15ab, updated the error description for error code 4824
  - For line 15ac, updated comments
  - For line 15ae, corrected the error description for error code 4904 (15q should have been 15aa)
- Section 17
  - For line 17a(2), corrected the error description for error code 5481
  - For line 17h (MTW self-sufficiency) finalized details for the implemented error codes and descriptions
  - For line 17h(1), corrected the error description for error codes 9187 and 9198
  - For line 17h(2), corrected the error description for error code 9122
  - For line 17h(6):
    - Updated error code 5030 to reflect that it is tied to only the FSS report category

HIP Technical Reference Guide Changes  
(2020 version of the forms)

- Updated error code 9119 to reflect that it is tied only to the MTW self-sufficiency report category
      - For lines 17n-17r, finalized details for the implemented error codes and descriptions
- Multiple sections of the document – In order to have a unique error code number for each error code, which will aid in maintenance and usability in the future, some error codes have been changed. The applicable line number on the form, old code number, and new code number are outlined in the table below.

Line #	JSON Name	Old Code	New Code
1f	entranceNumber	4061	9503
1f	entranceNumber	5259	9545
1g	unitNumber	4061	9504
1g	unitNumber	5259	9546
1h	realEstateId	4044	9501
1h	realEstateId	4051	9502
2n(02)	specialOther2	5260	9548
2n(02)	specialOther2	5262	9549
2n(02)	specialOther2	5263	9550
2n(02)	specialOther2	5342	9552
2n(02)	specialOther2	5357	9553
2n(02)	specialOther2	5483	9556
2n(02)	specialOther2	5484	9557
3m	ethnicityCode	5447	9554
11s	tenantRent	4510	9521
11w	altTenantRent	4119	9516
11ae	totalEligible	4526	9523
11af	totalFamily	4530	9525
11aj	utilityAllowanceProrated	4504	9518
11aj	utilityAllowanceProrated	4544	9526
11aj	utilityAllowanceProrated	5308	9551
12e	monthlyCost	4562	9527
12e	monthlyCost	4566	9529
12f	phaCodeBilled	4572	9531
12f	phaCodeBilled	4574	9532
12u	hapToOwner	4604	9534
12v	tenantRentToOwner	4510	9522
12x	mtwAltRentType	4088	9505
12y	altHapToOwner	4043	9500
12y	altHapToOwner	4089	9506
12y	altHapToOwner	4090	9507
12y	altHapToOwner	4121	9517
12z	altTenantRent	4092	9509
12z	altTenantRent	4123	9520
12ab	normalTotalHap	4608	9535
12ac	totalEligible	4526	9524
12ac	totalEligible	4614	9536
12ad	totalFamily	4616	9537
12ae	prorationPercentage	4618	9539
12ae	prorationPercentage	4620	9541
12af	proratedTotalHap	4622	9542

HIP Technical Reference Guide Changes  
(2020 version of the forms)

<b>Line #</b>	<b>JSON Name</b>	<b>Old Code</b>	<b>New Code</b>
<b>12aj</b>	proratedHapToOwner	4638	9544
<b>12ak</b>	proratedMtwAltRentType	4093	9510
<b>12ak</b>	proratedMtwAltRentType	4097	9511
<b>12am</b>	proratedAltHapToOwner	4099	9512
<b>12am</b>	proratedAltHapToOwner	4101	9513
<b>12an</b>	proratedAltTenantRent	4103	9514
<b>12an</b>	proratedAltTenantRent	4105	9515
<b>15d</b>	monthlyCost	4562	9528
<b>15d</b>	monthlyCost	4566	9530
<b>15e</b>	phaCodeBilled	4574	9533
<b>15e</b>	phaCodeBilled	4656	9547
<b>15g</b>	utilityAllowance	4504	9519
<b>15ac</b>	totalFamily	4616	9538
<b>15ad</b>	prorationPercentage	4618	9540