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(Scanned: May 25, 2011)

**All Derived Hamlet Evaluation System (ADHES), 1969-1974
from Hamlet Evaluation System (HES 71)**

Record Group 330 Records of the Office of the Secretary of Defense

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List of Reference Documentation

All Derived Hamlet Evaluation System (ADHES), 1969 – 1974
from Hamlet Evaluation System (HES 71)

NN3-330-75-141

Records of the Office of the Secretary of Defense (Record Group 330)

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Lynn Goodsell, Archivist
Electronic and Special Media Records Services Division (NWME)
December 30, 2009

De-NIPS-ing of Vietnam War data files

The National Military Command System (NMCS) Information Processing System 360 Formatted File System, commonly referred to as NIPS or NIPS 360 FFS, was developed in the 1960s under contract with the International Business Machines Corporation (IBM). It was an advanced data management system which was operational on IBM System/360 and System/370 computers. It provided powerful, efficient, and flexible data management support to a wide variety of users with the ability to structure files, generate and maintain files, revise and update files and data, select and retrieve data, and generate formal reports in simple or complex arrays on a variety of output devices. A more detailed description of the concepts, organization, and features of the NIPS software can be found in *NMCS Information Processing System 360 Formatted File System (NIPS 360 FFS) General Description*, Command and Control Technical Center Computer System Manual CSM GD 15-78, 1 September 1978, and additional volumes in this series published by the Defense Communications Agency, which are available from the National Archives and Records Administration (NARA) as supplementary documentation to the data files.

During 1975 and 1976 the Machine-Readable Archives Division (NNR) of the National Archives and Records Service (NARS) accessioned copies of a wide variety of Vietnam War operational data files from the Office of the Secretary of Defense (OSD) and the Office of the Joint Chiefs of Staff (JCS). All of these files were received in the NIPS format. Because the NIPS software was not widely available and IBM's support for it was declining, NNR decided that it should maintain these files in a software-independent format. In fact this decision became a part of the policy of NNR toward software-dependent data and led to revisions in the regulations on the transfer of machine-readable data files to NARA (see 36 *CFR* 1228.188).

In NIPS each file is organized into variable-length records, blocked and spanned. Although the bulk of the file is data, the beginning of the file consists of supporting information used during file maintenance, data retrieval, and output processing, such as the security classification record, data file control records, element format (field definition) records, and file maintenance logic statement records. The sixth character of each logical record (following the four-character logical record length indicator and a system character) in the data file is used as a code indicating the type of information in that record (B = classification record, C = data file control record, F = element format record, L = file maintenance logic statement record, and R = data records). For more information refer to *NMCS Information Processing System 360 Formatted File System (NIPS 360 FFS), Users Manual, Volume 1, Introduction to File Concepts* (CSM UM 15-78, Volume 1, 1 September 1978), and additional volumes.

As a result, all of these Vietnam War-related NIPS data files were de-NIPS-ed by the staff of the Machine-Readable Archives Division using the NIPS software. This procedure involved using the paper documentation accompanying each file provided by DoD and the File Format Table (FFT) at the beginning of each machine-readable data file to write an output record layout for the data using the NIPS Output Processor (OP).

This de-NIPS-ing process resulted in a new format for the files. All of the NIPS file content information at the beginning of the file was stripped leaving only the actual data records. Likewise the system-generated fields located at the beginning of each record, i.e., the Record Size Field, Deletion Code Field, Record Type Field ("R"), Set ID Field, Subset Control Field, Length of Binary Data Block, Logical Record Padding, Size of Variable Field in Fixed Set, and Sequence Number Used by RPG, were also deleted from the records. Only the data fields included in the paper documentation accompanying the file were output. In addition, these records were reformatted into a fixed-length format.

The first fixed-length record of each NIPS record contains the control set, the fixed set, and the first occurrence of each periodic set. If there are two occurrences of any periodic set, then an additional record is written repeating the control set and containing the second occurrence of any periodic set with the control set and other periodic set fields left blank. This procedure is continued until as many fixed-length records are written for each NIPS record as the maximum number of occurrences of any periodic set. The fields in all non-repeating sets are left blank.

The records are linked by a control set which contains one or more fields in the data file which as a set are unique for each record. It is contained near the beginning of each record among the system-generated fields and is the identifier by which all types of records and all sets of records in the file are sorted and linked.

Another result of the de-NIPS-ing process is the conversion of numeric fields in NIPS to zoned decimal data format in the de-NIPS version. Zoned decimal is a format in which the sign (+ or -) is recorded only in the rightmost position. The general format of a zoned decimal number is one digit per byte. Each byte other than the last (rightmost) contains a hexadecimal "F" in the four leftmost bits (zone nibble) and each byte contains a single digit in the rightmost four bits (number nibble). The last (rightmost) byte contains a hexadecimal "C" or "F" in the leftmost four bits for positive numbers and a hexadecimal "D" or "E" for negative numbers. Leading blanks and coded decimal points are allowed.

Any field which may have been converted to zoned decimal format is not identified as such in the documentation. However, it can be identified easily. Any field which is defined as a numeric field but contains an alphabetic character, a blank, or other non-numeric character in the rightmost digit is most likely in zoned decimal format. The chart below show the correct zoned decimal representation, the character representation when not defined as a zoned decimal field, and the hexadecimal representation.

	Positive	Negative
Zoned Decimal	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9
Character	A B C D E F G H I	J K S L T M U N V O W P X Q Y R Z
Hexadecimal:		
Zone nibble	C C C C C C C C C C	DE
Number nibble	0 1 2 3 4 5 6 7 8 9	00 11 22 33 44 55 66 77 88 99

Ross Cameron
June 1997



INTRODUCTION TO THE ALL DERIVED HAMLET EVALUATION SYSTEM (ADHES)

ADHES 70 contains data derived and summarized from HES 70 and HES 71 files to reduce the time required to produce the many commonly required summary type reports. Data was derived through summations of selected geographic areas.

ADHES concentrated on 39 responses to the questionnaire. It grouped all the hamlets in Vietnam into ten categories, selected by population, and provided manipulated totals based on each of the 39 questionnaire responses for all months covered by HES 71. In addition to the control set, which identifies the geographical area of the record, each record contains two periodic sets. Periodic set one contains the number of hamlets and separate villages (ones without hamlet structure within), in each of seven control factors, A, B, C, D, E, N, or V, graded on the degree of population security. Periodic Set two provides the same data for villages with hamlet structure.¹

As the "Introduction to Documentation" explained, ASDPA&E originally formatted this file in NMCSSC Information Processing System 360 Formatted File System (NIPS 360 FFS). To simplify and standardize the file, the National Archives reformatted the file into a software independent format. For this reason, the ADHES documentation consists of a record layout for this de-NIPS file, the file structure of the NIPS file which explains the various data elements, the NIPS file structure of the HES 71 file from which ADHES was derived and which further explains the various data elements, and a sample printout of the ADHES file.

¹. National Archives and Records Administration Records Appraisal Report, NN Job No. 375-141, 10/28/75, p.5.

Data Set Title: ADHES 70
 System or Series: HES
 Record Length: 253

Line No	Data Element	Field Location	Class	Size
1.	USID	1-5	A	5
2.	Model Identification	6-10	A	5
3.	RECT (Record Type)	11	A	1
4.	Date 1	12-15	A	4
5.	HAMNO (Hamlet Count)	16-20	N	5
6.	POPUL (Hamlet Population)	21-28	N	8
7.	CNTA (Hamlet Count A)	29-33	N	5
8.	CNTB (Hamlet Count B)	34-38	N	5
9.	CNTC (Hamlet Count C)	39-43	N	5
10.	CNTD (Hamlet Count D)	44-48	N	5
11.	CNTE (Hamlet Count E)	49-53	N	5
12.	CNTN (Hamlet Count N)	54-58	N	5
13.	CNTX (Hamlet Count X)	59-63	N	5
14.	CNTV (Hamlet Count V)	64-68	N	5
15.	POPA (Hamlet Pop. CountA)	69-76	N	8
16.	POPB (Hamlet Pop. CountB)	77-84	N	8
17.	POPC (Hamlet Pop. CountC)	85-92	N	8
18.	POPD (Hamlet Pop. CountD)	93-100	N	8
19.	POPE (Hamlet Pop. CountE)	101-108	N	8
20.	POPX (Hamlet Pop. CountX)	109-116	N	8
21.	POPV (Hamlet Pop. Count V)	117-124	N	8
22.	POPV (Hamlet Pop. Count V)	125-132	N	8
23.	Date (Date 2)	133-136	A	4
24.	VMPOP (Village Pop. Count)	137-144	N	8
25.	VILNUM (Village Count)	145-149	N	5
26.	VCNTA (Village Count A)	150-154	N	5
27.	VCNTB (Village Count B)	155-159	N	5
28.	VCNTC (Village Count C)	160-164	N	5
29.	VCNTD (Village Count D)	165-169	N	5
30.	VCNTE (Village Count E)	170-174	N	5
31.	VCNTN (Village Count N)	175-179	N	5
32.	VCNTX (Village Count X)	180-184	N	5
33.	VCNTV (Village Count V)	185-189	N	5
34.	VPOPA (Village Pop.CountA)	190-197	N	8
35.	VPOPB (Village Pop.CountB)	198-205	N	8
36.	VPOPC (Village Pop.CountC)	206-213	N	8
37.	VPOPD (Village Pop.CountD)	214-221	N	8
38.	VPOPE (Village Pop.CountE)	222-229	N	8
39.	VPOPX (Village Pop.CountX)	230-237	N	8
40.	VPOPX (Village Pop.CountX)	238-245	N	8
41.	VPOPV (Village Pop.CountV)	246-253	N	8

FILE DETAILS

2296

Control Set

2299

ID	FIELD/ GROUP	LENGTH	CODE	DATA VALUES	
					2306
					2307
1.	Location Identification				2309
USID	Field	5	Alpha	See Below	2311
	Position	Contents			2313
	1-1	0 - IF RECTP EQ 'S'			2315
		DTA CODE (A-P) - IF RECTP EQ 'D'			2316
		CORPS ID (1-4) IF RECTP EQ 'C, P'			2317
	2-3	00 - IF RECTP EQ 'C, D, S'			2318
		PROVINCE ID (01-99) - IF RECTP EQ 'P'			2319
	4-5	00			2320

The Primary Control Field is the U.S. Identification Code for the geographic areas of South Vietnam. Code positions for levels below the level of summary contain zeros.

2. Model Identification 2327

MODEL	Field	5	Alpha	See Appendix D	2329
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The Secondary Control Field contains the Macro Model Identification for the record.

Fixed Set 2334

3. Record Type 2336

RECTP	Field	1	Alpha	D, P, C, S	2338
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This field identifies each record as containing Province (P), Corps (C), Countrywide (S), or Division - DTA (D) data.

Periodic Set 1 2344

Periodic Set 1 contains a subset for every month and

<u>ID</u>	<u>FIELD/ GROUP</u>	<u>LENGTH</u>	<u>CODE</u>	<u>DATA VALUES</u>	
				represents composite summary data for hamlet models and village only models.	2347 2348
4.	Date				2350
DATE1	Field	4	Alpha	YYMM	2352
				The subset control field indicates the month and year of the hamlet and village only model data.	2354 2355
5.	Hamlet Count				2357
HAMNO	Field	5	Numer	0-99999	2359
				The field contains the number of hamlets represented.	2361
6.	Hamlet Population				2363
POPUL	Field	8	Numer	0-99999999	2365
				The field contains the total population (hamlet and non-hamlet) represented.	2367 2368
7.	Hamlet Count A				2370
CNTA	Field	5	Numer	0-99999	2372
				This field contains the number of hamlets with an 'A' rating.	2374 2375
8.	Hamlet Count B				2377
CNTB	Field	5	Numer	0-99999	2379
				This field contains the number of hamlets with a 'B' rating.	2381 2382
9.	Hamlet Count C				2384
CNTC	Field	5	Numer	0-99999	2386
				This field contains the number of hamlets with a 'C' rating.	2388 2389
10.	Hamlet Count D				2391

<u>ID</u>	<u>FIELD/ GROUP</u>	<u>LENGTH</u>	<u>CODE</u>	<u>DATA_VALUES</u>	
CNTD	Field	5	Numer	0-99999	2393
	This field contains the number of hamlets with a rating.				2395 2396
11.	Hamlet Count E				2398
CNTE	Field	5	Numer	0-99999	2400
	This field contains the number of hamlets with an 'E' rating.				2402 2403
12.	Hamlet Count N				2405
CNTN	Field	5	Numer	0-99999	2407
	This field contains the number of hamlets with an 'N' rating.				2409 2410
13.	Hamlet Count X				2412
CNTX	Field	5	Numer	0-99999	2414
	This field contains the number of hamlets with anything other than an A, B, C, D, E, N, or V rating or containing a population of zero.				2416 2417 2418
14.	Hamlet Count V				2420
CNTV	Field	5	Numer	0-99999	2422
	This field contains the number of hamlets with a 'V' rating.				2424 2425
15.	Hamlet Population Count A				2427
POPA	Field	8	Numer	0-99999999	2429
	This field contains the number of people with an 'A' rating.				2431 2432
16.	Hamlet Population Count B				2434
POPB	Field	8	Numer	0-99999999	2436
	This field contains the number of people with a 'B' rating.				2437 2438

<u>ID</u>	<u>FIELD/ GROUP</u>	<u>LENGTH</u>	<u>CODE</u>	<u>DATA VALUES</u>	
17	Hamlet Population Count C				2440
POPC	Field	8	Numer	0-99999999	2442
	This field contains the number of people with a 'C' rating.				2444 2445
18.	Hamlet Population Count D				2447
POPD	Field	8	Numer	0-99999999	2449
	This field contains the number of people with a 'D' rating.				2451 2452
19.	Hamlet Population Count E				2454
POPE	Field	8	Numer	0-99999999	2456
	This field contains the number of people with an 'E' rating.				2458 2459
20.	Hamlet Population Count N				2461
POP N	Field	8	Numer	0-99999999	2463
	This field contains the number of people with 'N' rating.				2465 2466
21.	Hamlet Population Count X				2468
POP X	Field	8	Numer	0-99999999	2470
	This field contains the number of people with anything other than an A, B, C, D, E, N, or V rating.				2472 2473
22.	Hamlet Population Count V				2475
POP V	Field	8	Numer	0-99999999	2477
	This field contains the number of people with a 'V' rating.				2479 2480
<u>Periodic Set 2</u>					2482

<u>ID</u>	<u>FIELD/ GROUP</u>	<u>LENGTH</u>	<u>CODE</u>	<u>DATA VALUES</u>	
	Periodic Set 2 contains a subset for every month and represents composite summary data for village models. Models 2A through 4A are only present for July 1969 through December 1970. As of January 1971 Model 2A through 4A are only available for hamlet and village only models (Periodic Set 1).				2486
					2488
					2489
					2490
23.	Date				2493
DATE2	Field	4	Alpha	YYMM	2495
	The subset control field indicates the month and year of the village model data.				2497
					2498
24.	Village Population Count				2500
VMPOP	Field	8	Numer	0-99999999	2502
	This field contains the total population (hamlet and non-hamlet) represented.				2504
					2505
25.	Village Count				2507
VILNUM	Field	5	Numer	0-99999	2509
	This field contains the number of villages represented.				2511
					2512
26.	Village Count A				2514
VCNFA	Field	5	Numer	0-99999	2516
	This field contains the number of villages with an 'A' rating.				2518
					2519
27.	Village Count B				2521
VCNFB	Field	5	Numer	0-99999	2523
	This field contains the number of villages with a 'B' rating.				2525
					2526
28.	Village Count C				2528
VCNFC	Field	5	Numer	0-99999	2530

<u>ID</u>	<u>FIELD/ GROUP</u>	<u>LENGTH</u>	<u>CODE</u>	<u>DATA VALUES</u>	
				This field contains the number of villages with a 'C' rating.	2532 2533
29.	Village Count D				2535
VCNTD	Field	5	Numer	0-99999	2537
				This field contains the number of villages with a 'D' rating.	2539 2540
30.	Village Count E				2542
VCNTE	Field	5	Numer	0-99999	2544
				This field contains the number of villages with an 'E' rating.	2546 2547
31.	Village Count N				2549
VCNPN	Field	5	Numer	0-99999	2551
				This field contains the number of villages with an 'N' rating.	2553 2554
32.	Village Count X				2556
VCNTX	Field	5	Numer	0-99999	2558
				This field contains the number of villages with anything other than an A, B, C, D, E, N, or V rating or containing a population of zero.	2560 2561 2562
33.	Village Count V				2564
VCNTV	Field	5	Numer	0-99999	2566
				This field contains the number of villages with a 'V' rating.	2568 2569
34.	Village Population Count A				2571
VPOPA	Field	8	Numer	0-99999999	2573
				This field contains the number of people with an 'A' rating on village models.	2575 2576

<u>ID</u>	<u>FIELD/ GROUP</u>	<u>LENGTH</u>	<u>CODE</u>	<u>DATA VALUES</u>	
35.	Village Population Count B				2578
VPCB	Field	8	Numer	0-99999999	2580
	This field contains the number of people with a 'B' rating on village models.				2582 2583
36.	Village Population Count C				2585
VPOPC	Field	8	Numer	0-99999999	2587
	This field contains the number of people with a 'C' rating on village models.				2589 2590
37.	Village Population Count D				2592
VPOPD	Field	8	Numer	0-99999999	2594
	This field contains the number of people with a 'D' rating on village models.				2596 2597
38.	Village Population Count E				2599
VPOPE	Field	8	Numer	0-99999999	2601
	This field contains the number of people with a 'E' rating on village models.				2603 2604
39.	Village Population Count N				2606
VPOPEN	Field	8	Numer	0-99999999	2608
	This field contains the number of people with an 'N' rating on village models.				2610 2611
40.	Village Population Count X				2613
VPOPX	Field	8	Numer	0-99999999	2615
	This field contains the number of people with anything other than an A, B, C, D, E, N, or V rating.				2617 2618
41.	Village Population Count V				2620
VPOPV	Field	8	Numer	0-99999999	2622

<u>ID</u>	<u>FIELD/ GROUP</u>	<u>LENGTH</u>	<u>CODE</u>	<u>DATA VALUES</u>
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This field contains the number of people with
a 'V' rating on village models.

2624
2625

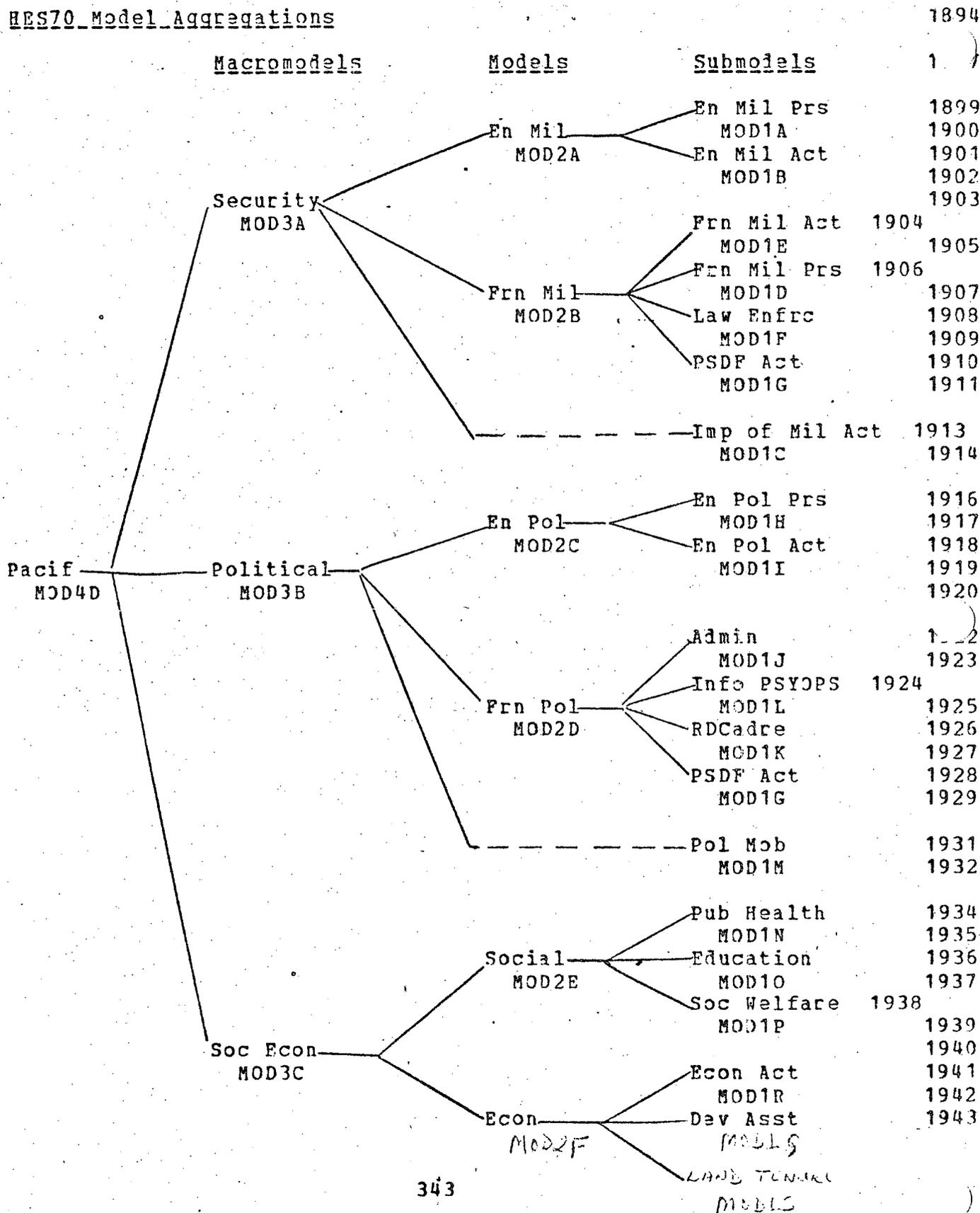
APPENDIX D

1870

MODELS - MACROMODELS - SUBMODELS -	1881
QUESTION RELATIONSHIPS AND MEANINGS -	1882
HES70 DECISION TABLES	1883

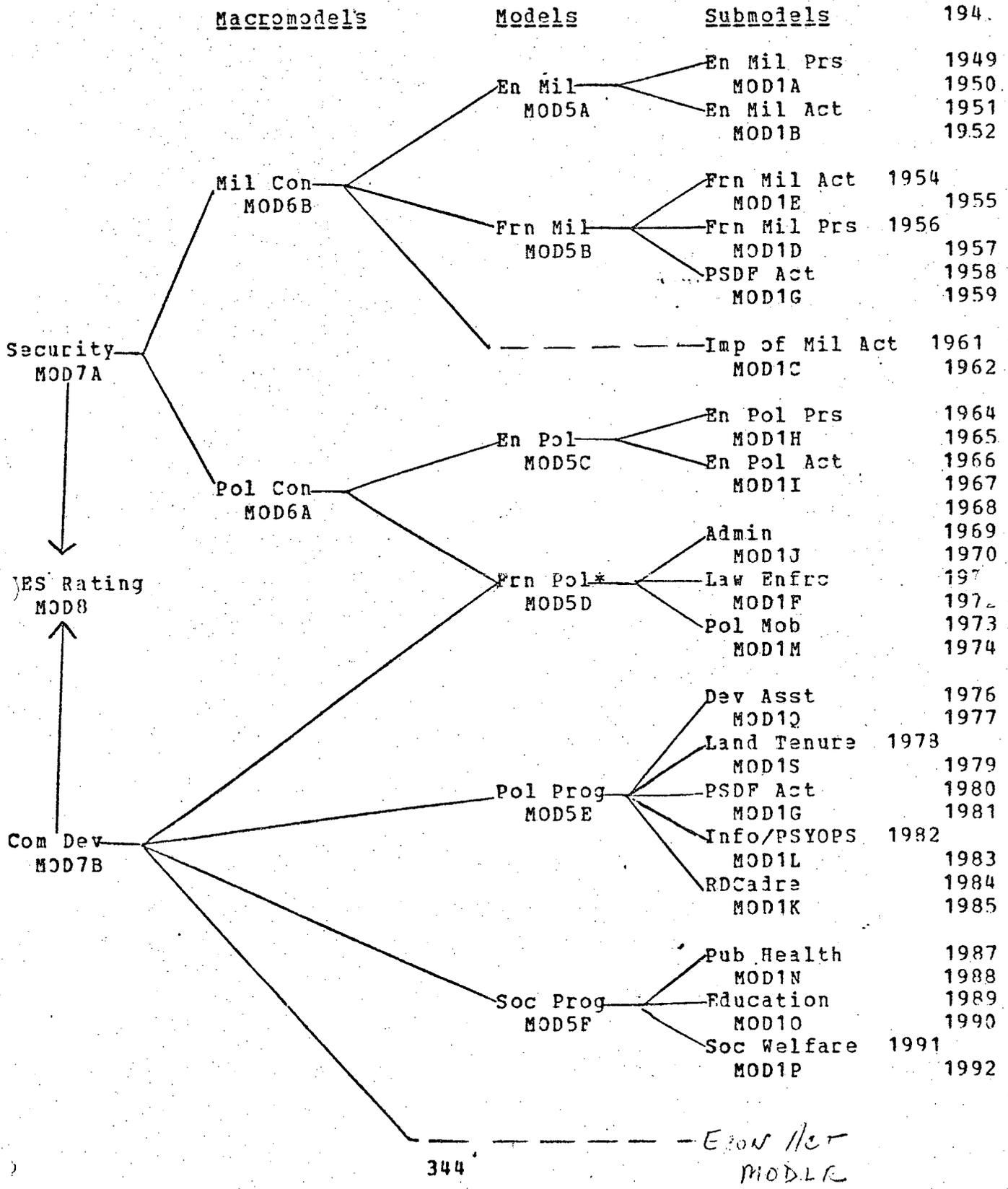
The following diagrams outline the process used to generate	1886
the Pacification Model Rating and the HES Model Rating. The	1887
Pacification Model Rating was the overall rating utilized	1888
for each hamlet from July 1969 to December 1970. In January	1889
1971, the HES Model Rating replaced the Pacification Model	1890
Rating as an overall rating; however, the Pacification Model	1891
is maintained as well as the HES Rating.	1892

HES70 Model Aggregations



HES71 Model Aggregations

1944



The following Political Model History is used to date...

Questions Used to Generate Submodels

1995

<u>Submodel</u>	<u>Component Questions</u>	1998
En-Mil-Prs MOD1A	VMB2 - HMB1 - HQC4	2005
	VQB2 - VQB3 - VQB4	2006
En-Mil-Act MOD1B	VMB1 - HMB2 - HMB3 - HMB4	2008
	HMD1 - HMD2 - HMD5	2009
Imp-Mil-Act MOD1C	VMB2 - VMC2 - HMC1 - HMC2 - HMD1	2011
	HMD2 - HMD3 - HMD4 - HMD7 - VQT6	2012
	HQD5 - HQD6 - HQE5	2013
Frm-Mil-Prs MOD1D	HMD7 - VQC1 - VQC2 - VQC3 - VQC4 - VQC5	2015
	VQC6 - HQC1 - HQC2 - HQC3 - HQC4 - HQC5	2016
	HQE2	2017
Frm-Mil-Act MOD1E	VMC1 - VMC2 - HMC3 - HMD3 - HMD4 - HMD5	2019
	HQC2 - HQC3	2020
Law-Enfrnc) MOD1F	VQD1 - VQD2 - VQD3 - VQD5 - VQD6	2022
	HQD1 - HQD2 - HQD3 - HQD4 - HQE3	2027
PSDF-Act MOD1G	HMC4 - HQC6 - HQC7	2025
		2026
En-Pol-Prs MOD1H	VQB1 - VQB5 - HQB1 - HQB2 - HQB3	2028
	HQE3 - HQF1 - HQF2	2029
En-Pol-Act MOD1I	HMB5 - HMB6 - HMB7 - HMB8	2031
	VQB1 - HQB1	2032
Pol-Mob MOD1M	VQB1 - VQF1 - VQF2 - VQF3 - VQF4	2034
	HQB1 - HQB3 - HQC6 - HQF1 - HQF2 - HQF3	2035
	HQF6 - HQG4 - HQN2	2036
Admin MOD1J	VQC5 - VQC6 - VQD2 - VQE1 - VQE2 - VQE3	2038
	VQE4 - VQE5 - VQD7 - VQF5 - VQF6 - HQE1	2039
	HQE2 - HQE3 - HQE4 - HQE5 - HQF5	2040
Info-PSYOPS MOD1L	VQG1 - VQG2 - VQG3 - HQG1	2042
	HQG2 - HQG3 - HQG4	2043

Model	Component Questions	
RDCadre MOD1K	VQF5 - VQF6 - VQF7 - HQC6	2045
	HQF4 - HQF5 - HQF6 - HQN2	2046
Pub-Health MOD1N	VQP1 - VQP2 - VQP3 - VQP4	2048
	HQP1 - HQP2	2049
Education MOD1O	VQR1 - VQR2 - VQR3 - HQR1	2051
	HQR2 - HQR3 - HQR4 - HQR5	2052
Soc-Welfare MOD1P	HQS1 - HQS2 - HQS3 - HQS4 - HQS5	2054
		2055
Dev-Asst MOD1Q	VQN6 - VQN1 - VQN3 - VQN4 - VQN5	2057
	HQN1 - HQN2	2058
Econ-Act MOD1R	VQL5 - VQL7 - VQL1 - VQL2 - VQL3 - VQT6	2060
	HQB2 - HQG3 - HQL1 - HQL2 - HQL3 - HQS1	2061
Land Tenure MOD1S	VQT1 - VQT2 - VQT3 - VQT4 - VQT5 - VQT6	2063
		2064

Models - 1970

20

<u>Code</u>	<u>Meaning</u>	2073
MOD2A	Enemy Military	2075
MOD2B	Friendly Military	2076
MOD2C	Enemy Political	2077
MOD2D	Friendly Political	2078
MOD2E	Social	2079
MOD2F	Economic	2080

Models - 1971

2082

<u>Code</u>	<u>Meaning</u>	2085
MOD5A	Enemy Military	2086
MOD5B	Friendly Military	2087
MOD5C	Enemy Political	2089
MOD5D	Friendly Political	2090
MOD5E	Political Programs	2091
MOD5F	Social Programs	2092

Macromodels - 1970

2098

<u>Code</u>	<u>Meaning</u>	
MOD3A	Security	2099
MOD3B	Political	2100
MOD3C	Socio-economic	2101

Macromodels - 1971

2103

<u>Code</u>	<u>Meaning</u>	
MOD6A	Political Control	2108
MOD6B	Military Control	2109
MOD7A	Security	2110
MOD7B	Community Development	2111

HES70 Decision Tables

21

A decision table is used to obtain model, macromodel, and Pacification scores. There is a three-way table (Table A) which combines three lower level scores to obtain a higher level score. This table is used in all cases where the higher level score is to be obtained from three lower level scores. There is also a two-way decision table (Table B) used to obtain a higher level score from the combination of two lower level scores. When it is necessary to combine four scores, two are combined using the two-way table to obtain a single score; this intermediate score is then combined with the two remaining scores using the three-way table to obtain the desired higher level score. Thus, two tables provide the capability to combine two, three, or four lower level scores.

2117
2118
2119
2120
2121
2122
2123
2124
2125

2126
2127
2128

In the three-way decision table, the first index is weighted the most. The third index is weighted the least. The two-way decision table is symmetrical. The following is an outline to obtain the ratings for all HES70 model, macromodel, and Pacification scores.

2130
2131
2132
2133
2134

ENEMY MILITARY (MOD2A) 2137

1st index - Enemy Military Presence (MOD1A) 2139
2nd index - Enemy Military Activity (MOD1B) 2140

FRIENDLY SECURITY (MOD2B) 2142

1st index - Friendly Military Activity (MOD1E) 2144
2nd index - Friendly Military Presence (MOD1D) 2145
3rd index - Law Enforcement (MOD1F) - PSDF Activity (MOD1G) 2146
(This is obtained from the two-way decision table) 2147

ENEMY POLITICAL (MOD2C) 2149

1st index - Enemy Political Presence (MOD1H) 2151
2nd index - Enemy Political Activity (MOD1I) 2152

GVN POLITICAL (MOD2D) 2154

1st index - Administration (MOD1J) 2156
2nd index - Information/PSYOPS (MOD1L) - RD CADRE (MOD1K) 2157
(This is obtained from the two-way decision table. If RD Cadre = N (not evaluated) the index = Information/ 2158
RD Cadre = N (not evaluated) the index = Information/ 2159

PSYOPS. If there is no RD Cadre present in a hamlet, the rating is N.)	2160 2161
3rd index - PSDP Activity (MOD1G)	2162
SOCIAL (MOD2E)	2164
1st index - Education (MOD1O)	2166
2nd index - Public Health (MOD1N)	2167
3rd index - Social Welfare (MOD1P)	2168
ECONOMIC (MOD2F)	2170
1st index - Economic Activity (MOD1R)	2172
2nd index - Development Assistance (MOD1Q)	2173
3rd index - Land Tenure (MOD1S)	2174
SECURITY (MOD3A)	2176
1st index - Enemy Military (MOD2A)	2178
2nd index - Friendly Military (MOD2B)	2179
3rd index - Impact of Military Activity (MOD1C)	2180
POLITICAL (MOD3B)	2182
1st index - GVN Political (MOD2D)	2184
2nd index - Enemy Political (MOD2C)	2185
3rd index - Political Mobilization (MOD1M)	21
SOCIO-ECONOMIC (MOD3C)	2188
1st index - Social (MOD2E)	2190
2nd index - Economic (MOD2F)	2191
PACIFICATION (MOD4)	2193
If response to hamlet monthly question MB1 is 1 or 2, the rating is V. Otherwise:	2195 2196
1st index - Security (MOD3A)	2198
2nd index - Political (MOD3B)	2199
3rd index - Social-economic (MOD3C)	2200
As an example, assume that the Economic indices for a given hamlet are as follows:	2203 2204
Economic Activity = A	2207
Development Assistance = C	2208

Land Tenure

= E

220

Entering the three-way table (since there are three indices), we find this particular three-way combination, A-C-E, about mid-way down the first column. It gives a combined score of C.

2212
2214
2215

To illustrate the combination of four scores, assume that the Friendly Security indices for a given hamlet are as follows:

2217
2218
2219

Friendly Military Activity = A
Friendly Military Presence = B
Law Enforcement = C
PSDF Activity = B

2222
2223
2224
2225

Entering the two-way table first (since there are four component indices) with the Law Enforcement and PSDF Activity indices with the particular combination of C-B, the resulting index is C. Now, using this index in combination with the two remaining indices in the order of A B C to enter the three-way table, the result is found to be a Friendly Security rating of B.

2228
2229
2231
2232
2233
2234

HES71 scores are determined at MACV by a different set of decision tables.

2237

Free-Way Decision Table - Table A

2240

A	A	A	A	B	A	A	A	C	A	A	B	D	A	A	C	E	A	A	D	N	A	A	C	2243
A	A	B	A	B	A	B	B	C	A	B	B	D	A	B	C	E	A	B	D	N	A	B	C	2244
A	A	C	A	B	A	C	B	C	A	C	C	D	A	C	C	E	A	C	D	N	A	C	C	2245
A	A	D	B	B	A	D	B	C	A	D	C	D	A	D	D	E	A	D	D	N	A	D	D	2246
A	A	E	B	B	A	E	B	C	A	E	C	D	A	E	D	E	A	E	E	N	A	E	D	2247
A	A	N	B	B	A	N	B	C	A	N	C	D	A	N	D	E	A	N	D	N	A	N	N	2248
A	B	A	A	B	B	A	B	C	B	A	B	D	B	A	C	E	B	A	D	N	B	A	C	2249
A	B	B	B	B	B	B	B	C	B	B	B	D	B	B	C	E	B	B	D	N	B	B	C	2250
A	B	C	B	B	B	C	B	C	B	C	C	D	B	C	C	E	B	C	D	N	B	C	D	2251
A	B	D	B	B	B	D	B	C	B	D	C	D	B	D	D	E	B	D	D	N	B	D	D	2252
A	B	E	B	B	B	E	C	C	B	E	C	D	B	E	D	E	B	E	E	N	B	E	D	2253
A	B	N	B	B	B	N	C	C	B	N	C	D	B	N	D	E	B	N	E	N	B	N	N	2254
A	C	A	B	B	C	A	B	C	C	A	C	D	C	A	C	E	C	A	D	N	C	A	C	2255
A	C	B	B	B	C	B	B	C	C	B	C	D	C	B	D	E	C	B	D	N	C	B	D	2256
A	C	C	B	B	C	C	C	C	C	C	C	D	C	C	D	E	C	C	D	N	C	C	D	2257
A	C	D	C	B	C	D	C	C	C	C	D	C	C	D	D	E	C	D	E	N	C	D	D	2258
A	C	E	C	B	C	E	C	C	C	C	E	C	C	E	D	E	C	E	E	N	C	E	D	2259
A	C	N	C	B	C	N	C	C	C	N	C	D	C	N	D	E	C	N	E	N	C	N	N	2260
A	D	A	B	B	D	A	B	C	D	A	C	D	D	A	D	E	E	A	D	N	D	A	D	2261
A	D	B	B	B	D	B	C	C	D	B	C	D	D	B	D	E	E	B	E	N	D	B	D	2262
A	D	C	C	B	D	C	C	C	D	C	C	D	D	C	D	E	D	C	E	N	D	C	D	2263
A	D	D	C	B	D	D	C	C	D	D	D	D	D	D	D	E	D	D	E	N	D	D	D	2264
A	D	E	C	B	D	E	C	C	D	E	D	D	D	E	D	E	D	E	E	N	D	E	E	2265
A	D	N	C	B	D	N	C	C	D	N	D	D	D	N	D	E	D	N	E	N	D	N	N	2266
A	E	A	B	B	E	A	C	C	E	A	C	D	E	A	D	E	E	A	E	N	E	A	D	2267
A	E	B	C	B	E	B	C	C	E	B	C	D	E	B	D	E	E	B	E	N	E	B	D	2268
A	E	C	C	B	E	C	C	C	E	C	D	D	E	C	D	E	E	C	E	N	E	C	E	2269
A	E	D	C	B	E	D	D	C	E	D	D	D	E	D	D	E	E	D	E	N	E	D	E	2270
A	E	E	D	B	E	E	D	C	E	E	D	D	E	E	E	E	E	E	E	N	E	E	E	2271
A	E	N	D	B	E	N	D	C	E	N	D	D	E	N	E	E	E	N	E	N	E	N	N	2272
A	N	A	B	B	N	A	C	C	N	A	C	D	N	A	D	E	N	A	D	N	N	A	N	2273
A	N	B	C	B	N	B	C	C	N	B	C	D	N	B	D	E	N	B	E	N	N	B	N	2274
A	N	C	C	B	N	C	C	C	N	C	D	D	N	C	D	E	N	C	E	N	N	C	N	2275
A	N	D	C	B	N	D	D	C	N	D	D	D	N	D	D	E	N	D	E	N	N	D	N	2276
A	N	E	D	B	N	E	D	C	N	E	D	D	N	E	E	E	N	E	E	N	N	E	N	2277
A	N	N	N	B	N	N	N	C	N	N	N	D	N	N	N	E	N	N	N	N	N	N	N	2278

N = Not Evaluated

2280

Two-Way Decision Table - Table B

A A A
 A B B
 A C B
 A D C
 A E C
 A N C
 B A B
 B B B
 B C C
 B D C
 B E D
 B N C
 C A B
 C B C
 C C C
 C D D
 C E D
 C N D

D A C
 D B C
 D C D
 D D D
 D E E
 D N E
 E A C
 E B D
 E C D
 E D E
 E E E
 E N E
 N A C
 N B C
 N C D
 N D E
 N E E
 N N N

2286
 2287
 2288
 2289
 2290
 2291
 2292
 2293
 2294
 2295
 2296
 2297
 2298
 2299
 2300
 2301
 2302
 2303

N = Not Evaluated

Laura Porcella
Feb 7, 1992

VALIDATION STATEMENT

When the National Archives acquired custody of this file, the accessioning procedures called for a manual comparison of the documentation to a printout of a portion of the records in each data set. This manual comparison is referred to as a "preliminary assessment" or "validation." The number of records which were compared varied from data set to data set. However, as a general rule the comparison involved less than ten records and was limited to only the first and last records in each data set. This is a statement of the results of the preliminary assessment or validation.

title: Hamlet Evaluation System (ADHES)

logical record length: 253

number of datasets: 1

While every number in each field is represented in a logical fashion (no digit exists that is illogical for the field), comparisons between fields are not always logical.

Major Concerns:

1. Field #5 represents the total number of hamlets for the record. Fields #7-14 represent number of the hamlets broken down by the rating. However, fields #7-14 do not add up to the total represented in field #5 in the first ten records. The totals are usually off by one or two hamlets.
2. Field #6 represents total hamlet population. Fields #15-22 represent the hamlet populations for the hamlets broken down by rating. Again, the fields added together do not match the total population. In this case, the documentation states that the total population represented includes non-hamlet population. This may explain the discrepancy.
3. Field #24 represents the total village population. This number always matches field #6, total hamlet population. But again, when fields #34-42 representing population counts broken down by ratings were totaled, the sums for the first ten records did not match the total of item 24.

4. Field #25 represents the total number of villages represented. Fields #26-33 represent village counts broken down by ratings. The total was off by one or two villages compared to field 25.

5. Field #2 and #3, Model Identification and Record Type, existed only in the first record of the first ten records represented. There is no way to deduce the model identification from any of the other data fields. One may deduce the record type based on the documentation and data given for field #1, Location Identification.

6. Fields #2 and #3, Model Identification and Record Type, are not represented in the last block, possibly because only the first record of like types show these fields. As with the first ten records, field #2 cannot be inferred and field #3 can be inferred using the documentation and the data.

Minor Concerns Worth Noting:

1. Most of the numeric fields in this dataset end with a letter. The researcher must be advised that this is not necessarily an error in the data, but that some software programs have imbedded digits. Zoned decimal data will show a letter as the end digit to indicate that the number is either positive or negative. All of these fields have a positive value.

2. The documentation shows the date fields as alpha rather than numeric, yet they are represented numerically in the data. In this case, numeric fields are those fields containing data that can be arithmetically manipulated.

***FI18 PRINT OF HEADER LABELS:

VOL1B023290

NIH=BTHSDA

HDR1RG330.HES.ADHES70B0232900010002
HDR2F101200025340XDAP172B/G0

B 88118 000000000000IBM OS/VS 370
B 60830

***FI21 CURRENT DATA SET NUMBER IS - 00002

***WT2 BLOCK 1, RECORD 1, RECORD 1 IN ENTIRE FILE, RECORD SIZE 253 .

A0000 MOD1AD69070092 0097478FD026C0028E0028C0002D0000 0004E0005 10000 0033457H0038787E0021346C0001824C0000000 0002062C0000000 0000000
0 69070097478FD046E0005D0005B000400000F0000 00000D0000 0000 0033521G0037614C0023102B0003240C0000000 0000000A0000000 0000000 *

***WT2 BLOCK 1, RECORD 2, RECORD 2 IN ENTIRE FILE, RECORD SIZE 253 .

A0000 69080092 0096697C0024G0030E0028H002FB000 0000E0004I0000 0040872E0031275C0021739F0002058E0000000 0000751D0000000 0000000
0 69080096697C0016E0004H0005I0005 0000D0000 0000D0000 0000 0040813 0031333H0022778 0001711A0000000 0000061D0000000 0000000 *

***WT2 BLOCK 1, RECORD 3, RECORD 3 IN ENTIRE FILE, RECORD SIZE 253 .

A0000 69090092E0097864C0028I0026D0025C0006 0000 0000I0005 0000 004244F0028842G0020105D0002435F0000000 0002236 0000000 0000000
0 69090097864C0016E0006B0005 00004C0000G0000 0000C0000 0000 0043317B0027899C0024690F001956H0000000 0000000 0000000 0000000 *

***WT2 BLOCK 1, RECORD 4, RECORD 4 IN ENTIRE FILE, RECORD SIZE 253 .

A0000 69100092F0098443E0029 0027 0025C0003I0000 0002C0005A0000 0044295G0029841I0019948E0002142H0000000 0002214F0000000 0000000
0 69100098443E0016H0006B0005B0004A0000E0000 0000H0000 0000 0043796A0030168 0021451C0001660A0000000 0001368 0000000 0000000 *

***WT2 BLOCK 1, RECORD 5, RECORD 5 IN ENTIRE FILE, RECORD SIZE 253 .

A0000 69110092D0098704 0028H0028C0026A0004 0000 0000A0005A0000 0044851D0030328H0020026D0002210E0000000 0001286I0000000 0000000
0 69110098704 0016H0006B0005B0004C0000E0000 0000F0000 0000 0044851D0030423 0020769E0001660A0000000 0001000 0000000 0000000 *

***WT2 BLOCK 1, RECORD 6, RECORD 6 IN ENTIRE FILE, RECORD SIZE 253 .

A0000 69120092D0100031G0024C0033H0027F0001E0000 0000A0005A0000 0045234F0028305G0023947D0001360D0000000 0001183F0000000 0000000
0 69120100031G0016F0004I0006D0004G00000B0000 0000D0000 0000 0044725 0029777H0023683C0000845F0000000 0001000 0000000 0000000 *

***WT2 BLOCK 1, RECORD 7, RECORD 7 IN ENTIRE FILE, RECORD SIZE 253 .

A0000 70010092D0100751E0024 0035B0026H0001C0000 0000A0005 0000 0045973I0028541G0023848H0001297A0000000 0001090 0000000 0000000
0 70010100751E0016F0005 0006E0004E0000B0000 0000D0000 0000 0045973I0029482 0023450 0000845F0000000 0001000 0000000 0000000 *

***WT2 BLOCK 1, RECORD 8, RECORD 8 IN ENTIRE FILE, RECORD SIZE 253 .

A0000 70020096B0100626B0024I0034C0026H0001B0000 0000D0008F0000 0046291E0028425H0023780E0001229E0000000 0000898I0000000 0000000
0 70020100626B0017I0005A0006C0004E0000B0000 0001H0000 0000 0046291E0029379E0023504A0000845F0000000 0000605E0000000 0000000 *

***WT2 BLOCK 1, RECORD 9, RECORD 9 IN ENTIRE FILE, RECORD SIZE 253 .

A0000 70030101 0101712G0022H0039C0023F0001G0000 0002E0011A0000 0044451B0034634C0019379I0002582F0000000 0000664G0000000 0000000
0 70030101712G0019G0004F0007B0004B0001B0000 0002E0000 0000 0044057B0034683G0020913F0001883I0000000 0000174C0000000 0000000 *

***WT2 BLOCK 1, RECORD 10, RECORD 10 IN ENTIRE FILE, RECORD SIZE 253 .

A0000 70040101 0102863D0023C0041 0025G0001D0000 0000F0009 0000 0044365F0035625B0020835G0001418B0000000 0000618G0000000 0000000
0 70040102863D0019I0004I0007B0004B0002I0000 0000H0000 0000 0044365F0035625B0021382D0000980C0000000 0000509I0000000 0000000 *

***RE5 10 RECORDS PRINTED, 0 RECORDS COPIED IN THIS PHASE.

***SK2 SKIPPED TO END OF FILE.
***BS1 0001 BLOCKS BACKSPACED
***WT1 BLOCK AND RECORD NUMBERS RESET TO ZERO DUE TO A PREVIOUS SKIP
***WT2 BLOCK 1, RECORD 1, RECORD 1 IN ENTIRE FILE, RECORD SIZE 253 .

44600 7307P012I0031960E009A0003H0000 0000 0000 0000 0000 0000 0025039B0006921C0000000 0000000 0000000 0000000 0000000 0000000
0 7307P031960E0003F0002H0000H0000 0000 0000 0000 0000 0000 0027198B0004762C0000000 0000000 0000000 0000000 0000000 0000000 *

***WT2 BLOCK 1, RECORD 2, RECORD 2 IN ENTIRE FILE, RECORD SIZE 253 .

44600 7308P012I0032061H008I0004 0000 0000 0000 0000 0000 0024626C0007435E0000000 0000000 0000000 0000000 0000000 0000000
0 7308P032061H0003F0002F0001 0000 0000 0000 0000 0000 0025665I0006395I0000000 0000000 0000000 0000000 0000000 *

***WT2 BLOCK 1, RECORD 3, RECORD 3 IN ENTIRE FILE, RECORD SIZE 253 .

44600 7309P012I0032166A008G0004B0000 0000 0000 0000 0000 0000 0024195G0007970D0000000 0000000 0000000 0000000 0000000 0000000
0 7309P032166A0003F0002F0001 0000 0000 0000 0000 0000 0026050E0006115F0000000 0000000 0000000 0000000 0000000 *

***WT2 BLOCK 1, RECORD 4, RECORD 4 IN ENTIRE FILE, RECORD SIZE 253 .

44600 7310P012I0031514H008I0004 0000 0000 0000 0000 0000 0024480I0007033I0000000 0000000 0000000 0000000 0000000 0000000
0 7310P031514H0003F0002H0000H0000 0000 0000 0000 0000 0000 0026664 0004850H0000000 0000000 0000000 0000000 0000000 *

***WT2 BLOCK 1, RECORD 5, RECORD 5 IN ENTIRE FILE, RECORD SIZE 253 .

44600 7311P012I0031501D008I0004 0000 0000 0000 0000 0000 0024476A0007025C0000000 0000000 0000000 0000000 0000000 0000000
0 7311P031501D0003F0002G0000I0000 0000 0000 0000 0000 0000 0025973C0005528A0000000 0000000 0000000 0000000 0000000 *

***WT2 BLOCK 1, RECORD 6, RECORD 6 IN ENTIRE FILE, RECORD SIZE 253 .

44600 7312P012I0031402G0009 0003I0000 0000 0000 0000 0000 0000 0024898 0006504G0000000 0000000 0000000 0000000 0000000 0000000
0 7312P031402G0003F0002H0000H0000 0000 0000 0000 0000 0000 0026703I0004698H0000000 0000000 0000000 0000000 0000000 *

***RE4 END OF FILE ON INPUT TAPE
***RE5 6 RECORDS PRINTED, 0 RECORDS COPIED IN THIS PHASE.

***FI23 PRINT OF TRAILER LABELS:

EOF1RG330.HES.ADHES70B0232900010002 88118 000000003613IBM OS/VS 370
EOF2F101200025340XDAP172B/GO B 60830

***FI29 BLOCK COUNT IN EOF1 LABEL DOES NOT MATCH RECORDED BLOCK COUNT. THIS MAY BE DUE TO SKIPS, OR BACKSPACES.