

December 21, 1988  
# 3-330-81-001  
H. Ziemer

# ABSTRACT

War Department, United States Army (USA)  
Army Research Branch, Information and  
Education Division. The American Soldier  
Series: "China-Burma-India Theater; Cross-  
section Survey" (Feb to Mar 1944). [machine-  
readable data file]/ Collected by the Army  
Research Branch: the Roper Center [producer]  
1977; the National Archives and Records  
Administration (NARA) [distributor]

PROVENANCE: One in a series of empirical studies converted to  
tape from punch cards by the Roper Center in 1977. The  
data and documentation are copies, created from data  
collected by the Army Research Branch between 1942-  
1955. Due to factors such as age and military  
reorganizations, the series is no longer complete.

TYPE OF FILE: Microdata with numeric codes. Units of observation  
are white and black enlisted men.

UNIVERSE DESCRIPTION: All white and black enlisted men in the  
CBI Theater.

GEOGRAPHIC COVERAGE: Four regions of the CBI Theater (China,  
Assam and Burma, Bengal - excluding Calcutta, and all  
other India - mostly large - cities).

SUBJECT MATTER DESCRIPTION: A study to elicit information on  
certain items affecting troop morale in the CBI  
Theater. S-131 emphasizes leadership, job satisfaction,  
training, discipline and facilities in relation to  
morale. Similar studies were made in other overseas  
theaters and in the US.

A representative cross-section sample was drawn from  
both white and black populations in the Theater, with  
every major geographic area represented and each arm  
and branch of service sampled on a proportional basis  
to total strength within the geographic area. Scales  
for Esteem for Officers and Noncoms were developed for  
the study.

TECHNICAL DESCRIPTION:

FILE STRUCTURE: fixed length, non-hierarchical.  
 FILE SIZE: 1172 total cases - 1037 white and 135 black  
 enlisted men with 3 card image records per  
 case.

SORT SEQUENCE: arranged by card number, thereunder by  
 survey number, thereunder by ballot number  
 (last is a Roper Center designation).

RELATED REFERENCE MATERIALS: See NARA general documentation for  
 the American Soldier Series.

RELATED PUBLICATIONS: See list of related publications and  
 agency documentation described in the NARA general  
 documentation folder for the American Soldier Series.

See specifically, Reports listed in agency abstract and  
 found in RG 330, Records of the Office of the Secretary  
 of Defense, E-93,94 "Research Reports." See also, S-  
 220, "Attitudes Toward Post V-J Day Changes in the  
 Point System," found in RG 330, Records of the Office  
 of the Secretary of Defense, E-92 "Study Folders."

RELATED MACHINE-READABLE MATERIALS: See the list of "Army  
 Research Surveys (1942-1945) Available in Machine-  
 readable Format at the National Archives" in the NARA  
 general documentation folder for the American Soldier  
 Series.

See specifically, S-127, S-170, S-205, S-210 in the  
 list "Army Research Branch Surveys Available in  
 Machine-readable Format in the National Archives."

DESCRIPTORS: WORLD WAR II, US ARMY (MORALE, TRAINING,  
 ORIENTATION, ADJUSTMENT, IDENTIFICATION WITH, ENLISTED  
 MEN, OFFICERS, MINORITIES), LEADERSHIP, DISCIPLINE, JOB  
 SATISFACTION, FACILITIES.

FILE AVAILABILITY: This file is currently available from:

The Center for Electronic Records (NNX)  
 National Archives  
 Washington, D.C. 20408  
 (202) 523-3267

1 and 2  
131 and 127

### SUPPLEMENTARY CODES

Note: Double answers were usually regarded as "No answer" unless otherwise indicated. However, when two answers were checked, one of which was "undecided" or "don't know" and the other was a definite answer, the definite answer was coded.

Illiterates and men who did not complete the questionnaire, were included in the sample and counted as "no answer" for every question that was not answered.

Column 1: Region within the CBI Theater

Code

- 1 . . . . . China
- 2 . . . . . Assam and Burma
- 3 . . . . . Bengal, excluding Calcutta
- 4 . . . . . All other India, mostly large cities

Column 2: Installation (Codes are not available)

Column 3: Major Command

Note: The three-way organization of Major Commands in the U.S. (AGF, ASF and AAF) is not used in the CBI Theater.

Code

- 1 . . . . . S.O.S.
- 2 . . . . . Air Forces, excluding ATC
- 3 . . . . . ATC
- 0 . . . . . Theater troops

S-127's  
S-131

CODING INFORMATION

MARGINAL BOOK

SURVEY ERL-1NOTES ON EDITING AND CODING

Double answers were usually regarded as "No Answer" unless otherwise indicated. However, when two answers were checked, one of which was "Undecided" or "Don't know" and the other was a definite answer, the definite answer was coded.

"X-ed" questionnaires, those representing illiterates and men who did not complete the questionnaire, were included in the sample and counted as "No answer" for every question that was not answered.

QUESTIONNAIRE NUMBERING

The first six columns of the card contain the questionnaire number. It was necessary to use a six-digit number so that, within the questionnaire number, would be contained location, branch of service, and affiliation of each respondent. In order to distinguish one questionnaire from another, all six columns must be used.

Column 1 represents the region within the C-B-I Theater from which the questionnaire was obtained:

- Code 1 - China
- Code 2 - Assam and Burma
- Code 3 - Bengal, excluding Calcutta
- Code 4 - All other India, mostly large cities.

Column 2 defines the particular place at which each questionnaire was obtained.

Column 3 is coded according to the affiliation of each man's unit. In this theater, the regular three-way break (AGF, ASF, AAF) is not used. Column 3:

- Code 0 - Theater Troops
- Code 1 - Services of Supply
- Code 2 - Air Forces, excluding AFO
- Code 3 - AFO

Within each of these major groupings, branch of service, (actual, not nominal) was coded in column 4. This was different for each major affiliation. Thus to find out a man's branch of service, consider first column 3 for affiliation and then column 4 for designation of the outfit. Code for column 4:

THEATER TROOPS (punched 0 in Col. 3)

- 1 - Headquarters Personnel
- 2 - Signal Corps
- 3 - Special Troops Training
- 4 - Medics
- 6 - Engineers
- 8 - Military Police

S. O. S. (punched 1 in col. 3)

- 1 - Headquarters Personnel
- 2 - Medics
- 3 - QM and TC\*
- 0 - QM and TC\*
- 5 - Ordnance
- 6 - Signal
- 8 - Casuals
- 9 - Engineers (white) (1st 4 Cols. 2219)
- x - Engineers (negro) (1st 4 cols. 221x)

-----  
\*Within SOS troops, both 3 and 0 were used for

REPRODUCED AT THE NATIONAL ARCHIVES

- 1 ... Headquarters
  - 2 ... Quartermaster (Questionnaires whose first five columns read 32220 are Negro. Those whose first five columns read 32221 are white).
  - 4 ... Bomber
  - 5 ... Fighter
  - 6 ... Anti-aircraft Artillery
  - 7 and 8 - Air Force Service
  - 9 ... Ordnance supply and maintenance
  - 0 ... Photo camera units
  - x in col. 4; 0, 1, or 2 in col. 5 - Troop carrier
  - x in col. 4; 3 or higher in col. 5 - Signal
  - y in col. 4; 0 in col. 5 - Medical
  - y in col. 4; 1, 2, 3, or 4 in col. 5 - Airways Communication
  - y in col. 4; 5 or higher in col. 5 - Engineers Through 222y65
- (Note: Those cards which are numbered 222y60 ((first six columns)) are Negro.)

Within ATC (punched 3 in col. 3) no breakdown is made in col. 4. Columns four, five and six are used for the questionnaire number within the outfit for ATC units.)

Columns 5 and 6 were used for the questionnaire number within the individual outfit.

This system of numbering may seem very complicated, and it is; but it represents an attempt to keep track of some thirty or forty different types of outfits in the CBI theater. The numbering system had to be made flexible, too, because of the possibility of last minute changes in location, affiliation, etc., of troops.

A separate code should have been established for Negroes. This can be done easily with gang-punching. Columns 60 and 65 are blank. Column 68 on each card (the last punched column, contains only the clearing-punch "1", key to the survey number. To recapitulate, Negro respondents are identified as follows:

- Cards whose first four columns read 2213
- Cards whose first four columns read 221x
- Cards whose first five columns read 32220
- Cards whose first six columns read 222y60 through 222y65

*Gang Punched "1" in Col. 70*

(cont.) from Assam (coded 2 in Col. 2) white QM were coded 0 in col. 4, Negro QM were coded 3 in col. 4. Thus questionnaires whose first four columns read 2213 are Negro; questionnaires whose first four columns read 2210 are white.

## Question 2 - Column 63

1 ... 18 years or less

2 ... 19 years

3 ... 20 years

4 ... 21 years

5 ... 22 years

6 ... 23 years

7 ... 24 years

8 ... 25 years

9 ... 26 through 29 years

0 ... 30 years through 34 years

x ... 35 years and over

y ... No answer

## Question 4 - Column 64

1 ... New England

2 ... Middle Atlantic

3 ... East North Central

4 ... West North Central

5 ... South Atlantic

6 ... East South Central

7 ... West South Central

8 ... Mountain

9 ... Pacific

x ... Foreign, not US

y ... No Answer

## CHINA-BURMA-INDIA THEATER

## Cross-Section Omnibus

CBI-1, 2; SO-131, 127

1. PURPOSE

Morale: The Theater Command requested that an extensive study be made of the current status of morale of troops in the Theater.

All of CBI-1 (SO-131) was devoted to questions related to this subject.

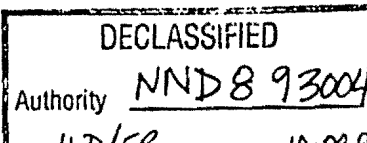
Special emphasis was placed on an evaluation of leadership in relation to morale, and a number of other areas such as job satisfaction, and attitudes toward food and mess facilities were covered.

Items were included for several of the standard general adjustment scales developed by Research Branch Headquarters in Washington, and paralleled similar studies being made in other overseas theaters and in the United States.

In addition, a number of these morale questions were asked in four other surveys, IB-7 (SO-170), IB-13 (SO-210), IB-14 (SO-205), and IB-17 (SO-220) conducted in November, 1944, March, 1945, May, 1945 and July, 1945 respectively. Data from these five surveys were compared for the purpose of measuring shifting needs in theater policies pertaining to troop morale.

Demobilization and Compulsory Military Training: Research Branch Headquarters in Washington requested that standard questions on these areas be included in order to supply data to the Special Planning Division, WDSS, on soldiers' opinions of which men should be released from the Army first and on soldiers' reactions to postwar compulsory military training. The same questions were asked simultaneously in other overseas theaters and in the United States (Questions asked may be found in CBI-2; SO-127)

Education: At the time of this study plans were being made to establish a branch of U.S. Armed Forces Institute in the C-B-I Theater. To enable the Theater Education Officer to anticipate the demand for this service, a series of questions was included to determine what courses from USAFI the men felt would help them in their jobs, other types of courses desired by them, and the type of courses (mail or group instruction) which may be found in CBI-2; SO-127)





Orientation: To measure the use of orientation materials and procedures among troops, questions were asked on Newsmag, Daily War News Summary, films and orientation talks. To measure attitudes toward the various subjects with which orientation is concerned, questions were asked on knowledge of our allies and enemies, "Why We Fight," and on the news and its significance. Data were obtained for the information of the Theater Orientation Officer. (Questions may be found in CBI-2; SO-127)

At the time of the survey the Theater orientation program was just getting underway. Preliminary analysis of the data indicated its under-development so clearly that preparation of a report did not seem worthwhile.

2. DATE OF ADMINISTRATION

February 10 to March 29, 1944

3. SAMPLE

Every major geographic area was represented, and each arm and branch of service was sampled on a proportional basis to total strength within the geographic area.

Types of samples derived:

Cross-sections of white enlisted men

Number: 1037 were administered CBI-1 (SO-131)  
1035 were administered CBI-2 (SO-127)

Special Notes: Both of these samples are exactly comparable, and separately or combined, are representative cross-sections of white enlisted men.

Cross-sections of Negro enlisted men

Number: 135 were administered CBI-1 (SO-131)  
146 were administered CBI-2 (SO-127)

Special Notes: A complete cross-section of the entire CBI Theater may be obtained by combining these samples with the white cross-section samples.

4. SCALE AND OTHER SCORES USED IN ANALYSIS

CBI-1 (SO-131):

Esteem for Noncoms Scale

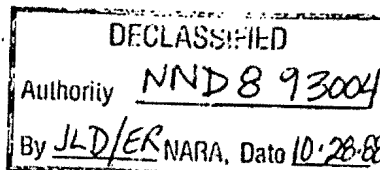
Q. 67, 69, 70

Scores are on Col. 60

Esteem for Officers Scale

Q. 71, 72, 83, 84, 87

Scores are on Col. 65



Demobilization Choices

Q. 33a, b, c, d, e, f

Scores are on Col. 32, 33, 34, 35

Postwar Foreign Policy Response Types

Q. 30a, b, c, d, e

Scores are on Col. 71

5. ANALYSIS MATERIALS AVAILABLE

IBM Punch Cards - 2 sets:

CBI - 1 (SO-131) - 1172 cards

Note: The Negro and white samples are not separated but this may be done by sorting on Col. 70. (See SUPPLEMENTARY CODES)

CBI - 2 (SO-127) - 1181 cards

Note: The Negro and white samples are not separated but this may be done by sorting on Col. 70 (See SUPPLEMENTARY CODES)

Supplementary Codes - giving identification of region, major command and branch of service (outfit) which are coded on the first five columns of the IBM card, and anything else not covered by the precodes in the two questionnaire forms.

Sampling scheme - not available although tabulations of the number of cases obtained in each type of outfit may be made by sorting on Cols. 1-5. See SUPPLEMENTARY CODES.

Marginals - percents and figures on every question, both CBI 1 and 2, for the Negro - white samples separately and combined.

Card - Column Numbering Scheme - the copies of the questionnaire containing the marginal percents and figures also give the column numbers on which the answers to the questions have been coded and punched. The column numbers are the figures in parentheses on the left-hand side of each page.

Scores and Gang-Punches - an explanation of the scoring and coding schemes for each of the scales, etc. used in analysis.

6. STUDY DIRECTORS

Paul Guertsey  
Ira Cisin

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7. REPORTS PREPARED ON THE DATA

<u>Research Branch No.</u>	<u>C-B-I No.</u>	<u>Title</u>
1 A	1	A Morale Study in the C-B-I Theater (a consolidation of Report No's. 1,2,3,7& listed below by Research Branch Report
1	1 A	<u>Foreward:</u> A Morale Study in the C-B-I Theater
2	1 B	<u>Section I, Leadership:</u> A Morale Study in the C-B-I Theater
3	1 C,D,E	<u>Section II, Specific Morale Factors:</u> A Morale Study in the C-B-I Theater
7	1 F	<u>Section III, General Morale Factors and Appendix on Physical Condition and Morale</u> A Morale Study in the C-B-I Theater
4	1 S	What Do American Soldiers in the C-B-I Theater Comment About
5	3	What the C-B-I Soldier Thinks About Education
B 2	-	A Summary of Main Findings and Corrective Action to Be Taken

Data from CBI-1 (SO-131) were also used for comparison with data from CBI-7 (SO-170), IB-13 (SO-210), IB-14 (SO-205) and IB-17 (SO-220) in the following reports:

<u>Research Branch No.</u>	<u>CBI No.</u>	<u>Title</u>
11	10	What Enlisted Men in India and Burma Think About Food and Mess Facilities (data from CBI-1 and 7)
15	12	What Enlisted Men in India and Burma Think About Their Officers (data from CBI-1 and 7)
17	14	Job Satisfaction Among Enlisted Men in India and Burma (data from CBI-1 and 7)
18	15	The Status of Certain Morale Factors Among Soldiers in India and Burma (data from CBI-1 and 7)

<u>Research Branch No.</u>	<u>CBI No.</u>	<u>Title</u>
30	27	The Current Status of Certain G Morale Factors Among Enlisted M and Burma (data from CBI-1, 7 a
31	31	The Current Status of Certain S Morale Factors Among Enlisted M and Burma (data from CBI-1, 7 a
B-4	—	Current Status of Certain Gener Specific Morale Factors in I-B (data from CBI-1, 7, 13 and 14)
37	34	Attitudes of Officers and Enliste the India-Burma Theater (data fr 7, 13, 14, 16 and 17)

Data from CBI-2 were used in two articles in WHAT THE SOLDIER THINKS  
No. 7:

"Attitudes Toward News in CBI"

"What Yanks in CBI Think of the Chinese"

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Authority <u>NND 8 93004</u>
By <u>JLD/ER</u> NARA, Date <u>10-26-88</u>

## VALIDATION NOTES

(CHINA-BURMA-INDIA THEATER: CROSS-SECTION SURVEY)

AMS131.CLEAN (AMS0131.CDBK)

The raw data is available in one dataset (AMS131.CLEAN) and the documentation in another (AMS0131.CDBK). Marginals are available in the documentation dataset.

There are no codes for questions 19, 105, 107 and for the installation and serial identification numbers (the latter two occupy the last three columns of the third card image record). Otherwise, the data and documentation appear to be all right with hand validation.

\*\*FI18    PRINT OF HEADER LABELS:

OL1B024240	NIH=BTHSDA	
DR1AMS131.CLEAN	B0242400010204	87034 000000000000IBM OS/VS 370
DR2F072000008040TOHP002 /GO	A B	60830

```

**FI21    CURRENT DATA SET NUMBER IS - 00204
**WT2    BLOCK            1, RECORD            1, RECORD            1 IN ENTIRE FILE, RECORD SIZE
131000121291161101455545212212222222222223162442332013032133331232241313221232222*
**WT2    BLOCK            1, RECORD            2, RECORD            2 IN ENTIRE FILE, RECORD SIZE
1310001234226124223222222222221222222222222122332223221221211413232222102000 *
**WT2    BLOCK            1, RECORD            3, RECORD            3 IN ENTIRE FILE, RECORD SIZE
1310001162*
**WT2    BLOCK            1, RECORD            4, RECORD            4 IN ENTIRE FILE, RECORD SIZE
1310002112911110146305103213132231131132212545222122122133225645521341163031122*
**WT2    BLOCK            1, RECORD            5, RECORD            5 IN ENTIRE FILE, RECORD SIZE
1310002500312222125222222222221222222222222122155224222121222414555522200005 *
**RE5            5 RECORDS PRINTED,            0 RECORDS COPIED IN THIS PHASE.
  
```

\*\*FI23    PRINT OF TRAILER LABELS:

OF1AMS131.CLEAN	B0242400010204	87034 000000000040IBM OS/VS 370
OF2F072000008040TOHP002 /GO	A B	60830

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

80 .  
 80 .  
 80 .

*1 logical record*