

pc *Jean*
Norris
Rosie

July 9, 1973

Professor Ancel Keys
"Minnelea"
84060 Pioppi (Salerno)
Italy

Dear Ancel:

Jean and Rosemarie report to me as follows on the progress of international analyses, and though we aren't on target, clearly the data processing division is doing its best to shore things up and to have things in shape to make progress on your return.

1. Edit of medical forms:
Complete: Velika Krsna; Phys. Exam Complete: Hungary, 3 areas;
Phys. Exam. in Progress; Italian R.R.
2. Conversion of 35-mm. microfilm to 16 mm. for Crevalcore, Montegiorgio, and the two Finland areas was delayed beyond three-week estimate, but according to phone conversation with Eastman June 28, is nearly complete.
3. Card-disk ordering:
A program has been written which checks the card order of the disk files. If cards are out of order or missing from a man's 13 card record, an error message is printed out. All of the International (and U.S.R.R.) areas on the disk will be required to pass this test before they are used for additional analyses.

The following areas have passed this test and are complete and in order on the disk: Dalmatia; Slavonia; W. Finland; Crete; Corfu; Montegiorgio

The following areas are on the disk, but are out of order: E. Finland; Crevalcore

Al W. is working on E. Finland. Crevalcore will have to be sorted into order again.

The remaining areas are not yet on the disk.

4. Multivariate Programs:

The generalized versions of the Walker-Duncan and the stepwise (forward selection) multiple linear regression programs are now working and tested. Corrections for the decks of these programs which Dr. Keys now has will be available as soon as documentation is completed.

5. Analyses requested in 17 May Memo:

Al W. reports that he had the Walker-Duncan program set up to do some of the Multivariate analyses (Memo 17 May 1973 from Dr. Keys), but Dr. Keys has changed some of the details of the instructions, so progress was temporarily slowed.

6. U.S.R.R.

There remain a few hours work before the Rd. 2 decks Nos 1 and 2 are in the same format as the international. Before these data are ready to be put on the disk, an audit of several columns on Rd. 1 deck 4 must be done. Nedra is hiring a clerk for this work promptly.

7. Japan

Discrepancies between age and age class are now resolved and the correct data appear on all the punch cards. ECG's for Rd. 1 and the second exam have been punched, verified and put on the regular data cards. Incidence codes have been done over using these new ECG readings and prevalence codes have been done for the data available (physicals and med. histories are missing at Rd. 1).

8. Zutphen

We are still waiting for a few late 10 year deaths but I've gone ahead and put the status at Rd. 3 on all the analysis cards. This code will only have to be done for the deaths now coming in.

July 9, 1973

9. Velika Krsna and Italian R.R. -- new data

V.K. punched - Dks 1, 2, 4, 5 -- need cholesterol and ECG's
Peggy estimates the cholesterols to be read by August 15, 1973
Gretchen says the reading on these has begun.

please see
letter from
Nedra that
is being
mailed 7-10

V.K. verified Dks 1, 2, 5, part of 4 -- this will be finished this
week and as soon as this verifying is complete I will add the
10 year deaths to the analysis cards.

I.R.R. punched Dks 1 and 2 -- waiting for Norris' edit on Dks 4
and 5. Also medical, cholesterol and ECG's verifying -- none.

Peggy estimates the cholesterols to be read by November 15, 1973
ECG's -- haven't arrived.

see letter
from Nedra

Hungary -- entry data is in Dks format; prevalence codes must
be gotten from the punched cards Dr. Lamm sent to us. I will
do this on July 9.

5 year data:

Gyulavari punched Dks 1 and 2 and 4
verifying name yet

-- waiting for Norris' edit on Dk 5

Szekkutas punched Dks 1 and 2 and 4
verifying name yet

-- need ECG's for Szekkutas
-

Martely punched dks 1 and 2 and 4
verifying name yet

-- need ECG's for Martely

ECG's -- haven't arrived.

Peggy estimates the cholesterols to be read by November 15, 1973

see letter
from Nedra

For the analyses to move forward, under our heavy load, careful
coordination by Jean Canner is required, so please be sure that she
is informed and centrally involved in all requests that you make
of any others on the staff.

I still need an outline of analyses that you would like to do,
or see done, or have in progress on CVD materials. Data processing
staff will be needed, as well as other analytical costs, if we are to
continue any further exploitation of these data. I had to miss the
July 1 NIH deadline but must prepare an application in August for the
next one. If you have no further plans for CVD analyses please let
me know that as well.

July 9, 1973

The HDFF moves rather smoothly. The LRC is more difficult in recruitment but goes along tolerably.

The addition of A. Leon next month will complete the new staff and things move ahead. It appears that we will take possession of the new Lab in early fall, despite a threatened strike.

We hope that you are enjoying the Stamlers and Minnelea and expect to see you here soon. I will be in Paris August 31 - September 18, and in Moscow October 12-28.

Regards,

Henry Blackburn, M.D.

cao