## October 2, 1981

Asst. Surgeon Cenerai B. A* Gammelia,7. S. Public Health Service,Mashingtoas, $D_{*}$ C.
Dear Doetor CarmeliatI am inclosing heremith a copy of a tentative
report on the mentel examiastion of imaigrants that I medeand which was distributed to officors in Burope through theMedical officer in Charge at Paris.
Reฐpectfully,
Lawreace Kolb
LE: AN
Sexior Shargeon

Ae the resuit of rasearah cone on the inteliigence af persons apslying for immigretion vise at attierent zuropean stetione, it hae beon posaible to drev some asaduasone as to helme of cortakn aentul teata, to state more or leas detialtely what teats shonld be read sad within whet 1 natte of yertoramaee, peroone may or may ast be oonalderod montally derootive. The most widely known Latelilganee teate snd probably the mate valuable alngle set aro the formm weate

These teats were however ahasdarabeed on amoriean aahool. ohildren and the Intelifgenco of adnits onn not be socurately rated by the same standurder Another thing that detresta from the value af the ferman testa in immigration work ia that some of them 10ae practieally all of thoiz vole whea translated th the momont of giving or when given to peraone who have not hnd $n_{n}^{\text {verhal }}$ ednestion. Irevertheless every ofilaer who exomines Lumigronta should foniliariso hamelif with the Fermen cesta in oxter to acquire mecomaxy beaie groundwori upon whioh to bulia sdastional knowledge of intelligence feating, and aleo 1 la oxter to be able to mee the tests or as many of tham ase aseful when the oocasion regniree 1t*

She Ternan teata tand their 1arget tield of amefulneas at station in the mritioh iales snd nome of thea are uaeful at all other athtione, bat mo abjeot, and moze espoosaily no adult aabjeot. at any thetion ahoula be certicied as cescotive solely on the basia
his


There are other oomgrehenaive teotg that zegilra mo longuage

 Le sa quention ahoaid be given an opportunity to ahow whet they ama do with these bafore a cortiflasto af defeet ia ianaol.

The threeccomprehone ive teste upon whioh mont wort has boen Bone wre the Furguan Fown Boarda, The Fintaer \#om Languge Foet pal the zortuea Kase Foet. Of the three the Fintaer Han Kanguage Eest is pxobably the mont valanble when used with jersons who have hac reasonably tair ouncstional opportunisles. It is leagt
 theae plazos it ada nothing so whet an bo leamed by owhez-teata and 30 may weli be oxitted.

Test performance depends not only on native intelligence which is the kind of intelligence, that in immigration work, it is desired to measure, but also on schooling and other environmental factors. In order to show the importance of these factors and also to give anidea what to expect from subjects at different stations some comparitive percentile soales are given and a special scale of the Porteus Maze Test on 111 Irish Males is presented to illustrate the percentile method.

There was a uniform selection of subjects at the various stations in that no one who had more than a common school education was examined. There was no other selection except that in Naples, the Pintner Non Language test was given only to persons who could read reasonably well. The Pintner results
fia Haplee are therefore higher than the coaerel ran of ontgrants oxamined in Ituplea wowld ahow.
du exumisution of thee percentile aowlea mow a wide difforence between the rouz pleces; $50 \%$ Lastamee, on the FLntanz Bon Kangaego
 In Haploan In other worda the 100 from the bottoa in any etven

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An oxampation of the above mhow that by abendarda that
 oramined in Dablin and haplesswould be deteetiver thia is obvioway mat true wa yot it is true that mentsily aceetive

 Bintuer Mon Zanguage.


Bexcuab \%orn Boera

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|  |  |  |  |  |  |
|  | 11 yr | . |  |  |  | Foxtens Eave 2eat.


| Oalo | 3tuttgart | Dublin | Teplee | Wa |
| :---: | :---: | :---: | :---: | :---: |
| 18 y\%\%* | 10.5 5xa | 6 צ8\%* |  | $\frac{3505}{6.5}$ |

The 10 percentile seore it the scere made by the fenth from the bottom in ang given 100 cones. She other nine make the semo or a worae score* Fise feath troa the botvon in Dublin ana Weplea make werae maeres than tany poraen in institntea row mentel dofeotivea but 20 por aent of texnlen have heror loen eartified in bablia of llegles* Shase peraons are howevez in the danger sone even by the Ilberal seasure thet has been applist to then by the zuble Realth servien ane some peraon making thead soores oz batter ave gextiried. $\quad 3 t$ hes dopended on cavizonanat and odnoetgonal opportuntties and the generci resations of the aubjecta sas observed 6y the examiner.

A montel age of mo move than 8.5 yeewe on theae three testa monla almost oertbinig loud to oertifiestion in Gevamy of sosnainavis and yet 10 pes aent of appliownta la Dablin and Hiaplea do warue bian taig and are peased. 3 io known that primery edegation in Gexwany and Beondinavid is moh better than
 yart the diftorence in teat remaze

The acales ahow that, weent in Oalo, men aoore Mighez: than womons 筑ie ia not belioved to be dat to aleforonge
 In teet aidility browit shout by a moze abimusting aontsat of

 be expeeted. frow the wowon thas trom the nen. In obher worde
 and have the game netive mentsi ability*

So aumaricet three thinge are to be horue in mind in Judging the iatelligence of adnit tuaigranta ly intelligenoe Teatar (2) The aifierence between the anses tue aolely to a Aistrerenee in exvironment. (t). The aittoreape betwaen people
 (5) The afforonae betwoan people of the same cauntry due largely te a dictowence in enviransment.
the asalal hietary fnoluding pertioulariy the amont of suhooling ooomstioa and rending habita ere inportant in doteraining the offoct on environnental ditferoneew, and an
sotun2 rending toet shomang mhender or not tho aubjeet reeda wos3, pooxly or not at adi La Invalushle zooz roading ability oa the pazt of an tuas grant makn la nocrly all asaed, laek of opportanity mathes than mantaz cefeat.

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In Southerz Ireland samy may be aertizied who svarege no mowe




Whene people may ac wary jowzy on soas toeta owd felriy well on othere* Banee the neseanity of nating te many teata





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 az lower on the others. 2t Ia the avorage that id Amportant,
and in drolend an averago of a joers or hover on the three feata given in the molosed saclea toguther vith the Dasman and zohe my siwage bo conelderg avidence of deteet.

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Fhe zale ahould be to give the apylienats soan stimle prejiminary questions and ast aside for turther omatnation kiose , who do not anawer prougtly wid soasretoly. These should than be fouged parthy by their teat parfomanoo and parthy by their

## - 2 -





















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of all teata on 12Literate Itallan women ahoula be roed acooraing So the acale given here.
what has been anid about the dilowances to be made $\mathbf{t o r}$ eavironment ia not intonded to mean that appliosata foz visme An all conatriea have the asae native mentel alulity, and that the sonlea bhow only a afficrence of environmont. It is helieved on the aontrery, that there in agact ditteronoe in 2nheront ability. The aifitouky ia in abernining hom muoh ot The atiferanee ahown by tha senlesla due to avironment and where कo aram the ilue for mental doflolonoy. an attempt wil be made in future publlontlons to give more knzoxantion on these pointie.

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3 aboeta, sen $10 a_{\text {, }}$ atceohed.

OSLO. SRUPTGART, DUBLIN AND MAPLESS


PGRCEMTILS SCORES ON HERCUSON BORY BOARDS IN OSTO, STUTTGART, DUBLIIT AMD MAPLTSS.


Boards completed in the allowed 5 minutes.


Example of method of finding percentiles for 111 cases.
The Score for each ease is put down in order from the lowest to the highest. The 56st case with a score of 14.0 is the median. The lowest score 9 is the zero percentile and the highest 16 is the 100 percentile. The other percentiles are calaulated on the 10 percentile basis, and are found by taking every 11th ease in order: For instance the 20 percentile is 12. This means that the 2and man from the bottom made 12, and 20 percent of all cases examined made 12 or less.

Eighty \% made 12 or more, and so on as shown by the ratings as given.

Scores and percentiles redings on the Porteus Maze Test of 111 Irish Males.

留ble Below

| 9 | 12.5 |
| :--- | :--- |
| 9 | 12.5 |
| 9.5 | 12.5 |
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