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## A PROFILE OF RURAL GIRLS OF PARBHANI DISTRICT

BY

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## DISSERTATION

SUBMITTED TO THE MARATHWADA AGRICULTURAL UNIVERSITY IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER OF HOME SCIENCE

IN

## CHILD DEVELOPMENT AND FAMILY RELATIONSHIPS

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## DEPARTMENT OF CHILD DEVELOPMENT AND FAMILY RELATIONSHIPS COLLEGE OF HOME SCIENCE MARATHWADA AGRICULTURAL UNIVERSITY PARBHANI.

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3. Proty P.R. Waghmane Aspoctate frotergion of Statisticis Colligge of Agrictuture MoA.E. Parbhant

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I expess my profoma gratitude aid sentiments of thanks and love to my dear panents and siblings and interde foy mating my rescaroh work buecesstul.

Place Parbhani
Date: 31.05 .93

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## CONEANE

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## INTRODUCTION

GHEPER

## 3MYRODUCHTOA

Whan women axa neglected, humanty is aeprived ot hate of 4 tg anergy and creativity. by Late Prime minister Mre: Sndira Caneht.

Accorating to the oentus of 1991. Indiate total
 population is located in rurat apaas. The temate
 letion, 46 per gent is momptised of fomale childwen (belom 18 years ). A majority of thenc female ohilaren
 ant coonomio ematitions.

A2though fite Indinn constitution the tre years
 have been towasing attention on chiliven ami recenty - on vomen devalopnent yet the concept of gin oht deho
 present neglnctiul mitutation of tho ginl shida antoes out of lowen getai atatus of women and the cradithonal. gemder bina. (Chovehaty 1990).
 Is encomaged to thinik tox himiself ana make decisiong. A ginc La expected to apo with problems ant awists thif be gubced by oman onan it egmes to bustness and zinancia
 1990).

The status of gini chila is although atstinctive but oan not be atiferenototed trom the status of
 sechomelighoug and histontial foscon. (finam 1990)

The atatus onf paintion the nother 縕 the
 has given birct to daughtar ( Ohrosh, 199\%)

Aven tiday kin miluong homang the owth of a
 bey; in an occasion for exuberance of joy (congrede. 1986):

The proternent sons and the iryotionaly veligions serctainte that they spere vitat fow poriont ming the legt xites ha added to the disominination gainat the fint ohsic; In Intia; the domer system was alao reaponatible tow the low status of the gtrl chila. Ong telugu baying is that, " beinging up a giry is inke


Born in inditiepence and reared on negleet the Inasan gixi oblila grown up looking upon hargexit as Interior andervient: This negative maly innge ghapes her personality and Howlas her into the atareotype of subntssive and aell sacriftecing caughter. yita and roother, In Tndia givi entid is neglected as she is
conildered as aconomicaly burdenc. (Hiti, 1992).
Gender atisomimination, espogialyy in developing
 Sons are condidered to beonomignly productive mombere and providerg tinangial suppont in old agoci However thic belies that a daightor is an econsutc Isability cen be countered wth the argument that in pryai Indta, there the buth ity the paople 1tve. a
 In a year in the piela and annimi latour which at the


 Fere the major reasons tor not sending the grixe ontaide thatr vilizege soo agciation axtom reoching puberty age (Chnyyutu and Rodary 1967).



 dentai were giontitied ag deserving gualthea a geot ginta She te ginerally known as a temporary guestin hof parental houre of a briat passaged (Chowdhaxy, 1990);
 syatematicaily coprived of physical and motional caxe
and love. This acprivation leads to an minequal share in terins of foon, clotijling, health care, edueation, fansily lincome and property which has a erementous tupact on wer physteal and mental health and personility acveloprent (Pandeg. 1990):

Even nixter four decabes azter infopendence and - Gecade axtor a Wational pozicy fer chileren. a nethonal pion for the Dexplopment of worien and deobate of
 who mbedise both yeuth and wormenhood is atilil a barel. dxacernable sinedow on the peatiphany of notional policy gat pubilo aravenessa Borin into indifference anit veared on naglect, ahe is caught in a web of submisatye gocondary entity in the schemif of things in matters of food, health and caucition (Hendonos inge9).


 abjectimes.

 compere it with National Centre fow ifenith Statiatices

2. 36 study gereral mat pattern of mupat givis. :
3. To zind out ganerat health probinms and care tolecin of rurat gixis.
4. Io anolyse the antivity and tang spenalig potemis. of musel griak
5. To asseas the mueatmente wade my rural tamilies fow educatime theter dauditure and to know parental.


## REVIEW OF



## CHARTER 2

## REyETE OF LTMERETUES

Resume of the roik on tha study ot protile of pural givis we obsepved to be wexy scanty. The
 presentad belew under bread heads.
2.t Growth Patiem in Rumal Girls.

According to (hagar (19st), in rumal azeas the mean fof waight in the ege years 10, 17 and 12 show significanty higher volues tor the boys as compared to the giris. Duritug the age period $14-18$ years the giris showed giknizigontiy highor mean values as comparce to the boyte there was a trend for silgniticant increase in maight both for boys and givis with incerease fin ages. The xural givis maintain higher values for mentinoroments during $12-17 \mathrm{fys}$, the axtrepence being etotistionaly bignticent only at the age of 14 yrss In mural apeas the height valuas showed progressiva ditnificent inorease tith ate in boys and gixis upto thye ot age. The observed paete height velocitias
 boys and girisis mapectiveay. The mian waince both
 yra ond also at 45 years age. Thereafter, giris are significantiy talles than boys.

## 7

Sathyavatz 罢 (19a1) raported that, the mupa ginis ghoved higher man vaigag then thelw. mic counterparts in the cariy part of adoteseance: Howevary aftor th yrs, af age xurai boys ahowe a gignifieantzy higher geroxth as abipared ta the mural gixis. The opmprative atuay between zural and urben



The dota based on ditferant yescerch have shoma that giris in Tride de not achieve their tull hotght ant wetght potantial on account of dietary Insufficient
 yrs laterp both tor marai giris, emonstrate that theme is "no ayicence of sechay trentig indicating improved Crow partoviance in the ruoceading generation-- fature expected ol all aucossifu developing sonieties. ( Gopalay and Kaur, 7989).

## 2,2 Age of onset of Mranche.

 developmont of Inditan Lnfants and ohflaren perrealed mann age at menarchie ton Maharashtrian ar'ban gexis was 43.70 geare anid rupal gixis 14.63 years.

8
Study by Agarwal at al (1981) found that the man age tor manarehe in upper sothomeconomic Varanast ginde was found to be 1275 yre while the midele soctiosconomite group Indian giris in atifarant reglons had mean menarchal age of 13.25 (Chitoor ) 13.75 (Agra)
 geographical regions anf sookiomaconomic groups on the everit of menwehe was obsemved.

The mean age at menarche of the grus of Dexhy nas even less than the waported mean age at manarche of Amoriean givic 12.gyrg, but the Amorican girle were Som talker than those of Delhit at the 18 ${ }^{\text {th }}$ ycas. Apparentiy. the tinaz aduit hoight that is actioved 18 not neceaserilly
 the soctiomaconome statas alome but othey foctows sis


Among Indian families the largest ohare of food is usually given tio the bread unnor neste to the bops and last to the glexis and women in the houschold. Indian women are trown to eat last and least. Male ymbers have a laxger say in the dectation for food anionation as is indicated by obsemvation from ata colleeted from Whehareintra ( otted in Pandey, 1990).

9
The child whith arrives at dioleacence in a stunted state becnuge of carly malnutrition has the intake potential to achiteve, auring its adolescent erowth phase an oven higher growth veloosky than the nonostunted child which had not suffered eariy malnutiftion, fut for such higher grawth velocities to actually mataxtelise and reash theif full peak, addtw; onal nutritional in putio over end above what the hablual paor decties of thege ohlidren provide. may be necessary such as ineyeased intake of colonies, proteling catodizns twon and other nutretents, whioh are essentiel to sugtelm such an enhanced growth velocity over sn extemied periad, It the abseneo of these aficitional inputs, whe whiological opportuntty provilece by adolescence to aormect growth dexiofta thin had eanlise accrued may not be fully evailed of and the chrid vouzd end up ass a stanted adult thus missing the 0 Seqond round ${ }^{n}$ everi as they had missed the sirsit. ( Copalam 1989).

Rama ( 990 ) oxplains that tiliteracy is the greatest bapriev for tide fmprovement of the status of female in ous countzy. The Nurs feta reveris that the chila nutrition wis better in houscholds having Iiterate moman:

10
Aceordinf to Matwh (1992) data based on hoxsehold


 ption ahong me efogutem yours ahow that giria gonsume

 thelw tetispuing mere so when nutritional aeprivation,
 pecenangy and Lactatione

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Hunc (4geg) reconded the burcen of housenold aution falls lergety apon temale ohile In the mural ances ginis em ongeged in looking akter younges
 This relieosee gdults for more productive and ramunerative
 their heade tollowing thefir mother ofe eldor sitaters to
 to being uth nevertheteas makes a nserial antribution
 to the fiexa to helt thom in mork surh ag govinge franspianting, weding and hawesting colleotine tuei and searing axay birdie at folas.
 belleved that a wicmen spende less anergy than a man. A stowny in wural greas hostevor, showed a weverse trenc.


 witer coilocting thearode and canying meain to tiolas For the men foll werg also taken tr to accotinte In Indie

 enhane the taminy pegourcas.

The study or sutbromanian ( 1997 ) conculdee that







 chila. Burth crier shows that where there are younger
 axe coling wace worfy the girl ehild aponds move time
 ohances of dofng. - Nage atith.

Anandatabma (999才) stualea that arcina the age

 thea wotud be welated to earning a 3 wvolihood and other
 marginat when at that oge other ghtiures staxt formal edufation

The ptudy of Maxdax (7991) condinted in then rwenls that as comparad to males wow pantiolpation Take tor ginal in 0-44 yike hat been hnoveasing over the






 may ba ongagid in Zooking atter younger sibilngs or hin cleanting the house menphig the mother in housetiola adteritiant.


 cuccation co thety claughtery and had tavouroble attitudes

Wth regard to the Thrag aspecte of we primary elueathon namey Valus Expandture and Eadilttas

Chatteryee (t9g7) reported thet although female. enroilngent is tncreasing the gap botween temates and males is porhaps wiacning. Thife may laygely due to gocioctonomio tactors releied to the heed Yor gxrle to wopls both in mad out of house wersus the low retura parcenved to thetr educiation. Also related to the
 not the Least is lag tue to the poor arallatiluty of fopititan for firla in the aohols.

Whatrean (1989) reported that for gris the
 tasks entrustect to then by the fondy and the laok of
 in contract witic; thet howf in tho odnciathonal prograss atboys.

Chowdiafy (4990) emphasisien deapite the tect thet In the madien cuitiure, edutation gridya; is symbozized
 attention begule of the traditionial bias againet girys soing to sehol, thit is tive to coriy marintage, the nider givis looking ofter thelr younger giblings, girle looking sitter housebiold, cattle, grazing, tetching, irrelevance of girls ecueation absener of fomale teachera otc.

As pay Mandal (199v). In thaw wide range of
 reflection of the $20 w$ lovel of empoimest of giris in sohools as coupare to that tor boys. Perhapa highes fallues rate in axamination is evicent in rachohag universel reitention ow in ensuring thot a ehild who
 completes tive class sth or the age of th.


Accoralug to Ananalakahy ond Bajai (ipgn). the sex of the ohlid deternainot te a largar extent the kind of experteroer the onla world tace in the inture. Reatrictions are imposed on the behaviour, movemont ond dress of ghris as early as four year of age. Young anmarted bicis, by and 3 arga, lead a life of domesticity unharapered by sehooz moctinas or taskat

Signstiticant nogative relationahip vai found betraen the total number of ohilaren and tive attitudes
 number of children had a fayourable attitude as comporea te the rospondents having more mumer of ohilaren. (Shah \& : Nagtian 1983)。

Das Gupta (9987) reported the reasion fow atsurtminating against fernales do not lie primarily in ceomomic

## 45






 dratelters. 1

## [ATERIALS <br> 

METHODS
16.

## CHATHET 3

## MAEERALSS ANO MEPHODSS

The puosent study sas plenned to invastlante the




36 totiale ge the dudy
Bo, 2 blaction of the manple

3it Selection oit tools and tephatougs
3.5 Hethods of date enilacken
3.6. Remearch Hogign and tedintitue
S.7 Btancilicat malybis

### 3.2 Leogate of the study



 cach tive withages fron panfomiy chosen teve tainkas
 Zoceted in farbhan plateliot of Jaratherda region.

 were the materia tor selection of these whilages.

## 17

3.2 Selection of smmple

A stratified rendom sampla ot 200 families hevine a gind child in the age group of $7-75$ yirs was melected from randomy chosen ten villages tis sample geris were chosen at ranton from lowmindife SES \& madie SES groups to study the Impact of sxs on the stotus of mural girisy Lowmidoala ses and midale ges groups wiere only dhosen due to the inavailabilit of the sizabie sample gixis of the ciame agl mange in other sEs categorites in the selemted viliages. The detalla are show bekow.

Soolomeconomic status categorles

| $\text { (Age } y \text { (arg) }$ | $\begin{gathered} \text { Lowmentiale } \\ \text { SES } \end{gathered}$ | $\begin{aligned} & \text { wade } \\ & \text { SES } \end{aligned}$ |
| :---: | :---: | :---: |
| $7-9$ | 35 | 35 |
| 10-12 | 35 | 35 |
| 13-15 | 30 | 30 |
| Total | 100 | 100 |

A strugtured interview sehedule was Lowsulated to elicit the general and specific information pertinent to the Investigation. The fateryitev schedule mainiy focussed on heaith and nutritiong menarehe, edueation vork pattern of rural girla and parentai attivudes towards then. Prior to finalization. tha scheaute was pretested. for its elamity, , valiatty ana adegusey on twenty mural givis exclusive of the Inal aomple. Necessary modifictation were made to overcome the amblerity end alficulthes experienced in the date collecti to Annalise the schedule. (Annexure I)

18
304 Seloction ot Toolse the tehntquas








 the sollowing clashintertoxy seake to the total notainea scome

Categomy cien clasg

1. Uppee elagg
2. Uppep myladie class

3 . Mutalevolas:
4. Lowermatcone glase
5. Later class

Total Spope
Above 43
$35-42$
24320

Belew 43
3.4az Age

Rurai gtris age was caleulațed to the nearest month axe yede of antervion day on tho basde of intor mation paported by the sibbiect where acee were generaliy known and alac by orasse chockithe srom date of bleth certiticater, In the absense of the above, it was
celoulated by quationeris the rimple rothors to secall the sonth and year in whel hes duughter was bom as the meckod when tres genorally practiocede

## 3 4.3. Anthropametwo manuroment techaiquas

Hefghty The subject was asked to remone than
 Gut toots and ghoulders truahtig sinooth surtace of wail onf wh fect paraliol, and placed zegether: with the
 atibject was raquagted to look gtralight at har eye 1 evel. A plastice monil waf kept on hew haed puasing the hair
 Iater marking was ane pa the wall and helght was measumet
 cin senditituty

Watght Welghing - machine was tept on flat

 and then wan mide to stani straight on the centre of macbine platown whout any support. whe reading wad noted ạtin trom portable velighing machime having a wange of out to 325 and 50 gin sensitivitys.
3.4 .4 age of onsat of menarethe:

The girla were askea to reeaill the fomen and year of onset of nenarohe tor assessing the age for tha sames.
3.4 5 An finternational reterence groth stondard

It hail been ayguad that on the bask of avalloble
 and not genetio tactows, are the predominant teterminonts of axiferance as betwen the grovth partormance of chillawen of the developing and developod countries. An expent vorking groap of witi oonstituted in Iote 1975 to
 nutyitional status in survesy and sow nutritional burvaillancoe, had mectomonded on the date war2a-mide. that the data prasibied by the National centre for Health Stastizes (NCTIS ) of the U.Sef. vare best (ctad in Lancat and lury project) situated tor aso as an International fatenence, Henceg in this study Nems tata is ugec for emparisiton.

## 3.4 .6 Training of Investexgatop

Frior to the research wont the invogtitgator was edequately tralned by the local pagdiatrician for
 to avold errods. Further through low tratian the ability of the investigatop in adoption of arrect techniques

24
Lox taking anthropometwic measurnonts has encured.
3.4.7. Fecoming activity and time-spentimg patterns of pural giris.

The semple givis were wequegted to recall and state all the activither gerienaliy pewformed by them titom com to duste ant the amount of time approximately gport: on suich actuithes. Lates the statad activitices
 of than (mean \& 3 D ) apent on those notivittes was
 was ohected by the investigatow through naturalistac obsesvation.
3.463 Neturalistia obsesvation

Bestides intewtew, naturalistio observations of twenty per cent ot the solected giris (40) was done

 parsongi intevotew and to gatn more knsleht abott rurai in off Season (Jan.-March) terisin mive block of three to Hour houre was mace vith flifteen minutes intervel tor observation. the otiservated ttems and the spent as denoted on the prapared cheoklist. (Amexure II). ALI the necessaty procatition were taken so that the sespondents were not consetous of beting observed sy the investiggtor.
3.5. Bethods of deta collection

The data was collected.from-the selected girls and their parents by haplementing aurvey through personal intervicu method by the invegtigator by paying $9-3$ visite to theme Approximate time token for conducting complete survey was 70-100 minutes. on the waste of tinalized structurea intervieu schodules by naturalistic observation and by following standerd procedures for teking anthropome tric neosurements in thatr homes.
3. 6 Rescarch Design ond Tcohnitques

The varable tested in this study ineluded independent vaxiables such as
4. Chronological age of giris
2. Soctocconomic atatus of reaporinents fomilies. Eepensent variable are

1. Groorth of gixls (helght, weight)
2. Health care of giris
3. Food intake
4. Aotivity and time spending pattern
5. Investments made on educating girle
6. Parental attitudes toward their daughterso.
3.7 Plan of Analysis

Correlation and regreasion analyais was carried out as per the stender procedure given by Snedecor and cochran ( 1956 ) to teat the relation-
$\therefore$ ship betueen age ( indopencent variable) and different other variables euch as helght and welg!

Students 't teat ond "z' test vere haged to compare the data of milate and iowmitale ses groups on healthy food intake, ceacational invastments. parentel attitudes.

Actual weight, thelght and weight/height percentages same explained as the ratio to atondard weight; hetight and wol.ght/ hotghte
$\frac{\text { Actunt measmoment }}{3 \operatorname{tandara} \text { measurement }} * 100$

Stinidard measuremant : Fromillis growth eurves published in Americian Journal of cainioal nutrition (1979)

To test the maliability of data reported by the respondent correlation coefilielent were eqtimated between raported data of time and obeaxved data of timer

The perdentege of agreement on the zeliability ot repopted activitien was caloulated by using the tormala (Saraswathit and butten 1988) given belowis

$$
\text { Agreement } \frac{(0, t i e)}{\left(0+\frac{3}{2} x\right)} \times 100
$$

| U | \% | Tatal number of instances agroed. (recorded abtivities) |
| :---: | :---: | :---: |
| Do | ¢ | Total number of aidagreemant. ( not recorded ) in cading |
| x | - | rotal number of clauses (activitue: cocied by onie person and not by another: |

The akn tost wof applied to tind out the trend of growth ot rural girin in lowntadie aha midale ges exoupy The nali wypothesis teated under this was Ho : $P\left(x_{A}>x_{B}\right)-P\left(X_{B}>\right.$ sen $)$ the probabilisty of the test unden Ho wies estimated par per given formulay the nuli hypothesil was rejectea if $P\left(x_{A}>x_{B}\right)<0.05$

$$
P(x) \sum_{x=0}^{m}(x) p^{n} q^{n-w}
$$

Where it Total numbe of observation y = Nitmber of positives out of NT

Compariacin of the tur equnding pattams

- the selected age group rival ginlo wes mate betweon Iotymidale ses and midale SEE groupe by welag the torank given beycure

$$
\left(\frac{\operatorname{ran} x}{\operatorname{con}}-1\right)+100
$$

 104 midaia sms ana



## 26

CHAPGETH

## RESULTS AND DESUUSSIOA



 Parbhant districte of Nathoda reghong The



The oftathea data weme pookd analysed. tabriated asid discueged under the heade givon belowa

4 4. Paokground Information
$44^{2}$ Grouth of Rurat ands
4.3 Eond Titake and Moal Pattern

4.5 Aetrivity Fattemis
 Rurrat andor

4. Ggnemel Intomation of Ruy Gimis and Pheir Parentai

Table 1 General information of parents of the sample ciris.


Table 1 deals about the.general information of parents of rural girls. It is evicent from the serial "A" of the Table that gajority of the rupal girls parenta in both the SES Eroups belonged to the age range $30-40$ years followed ty $40-50$ years and $20-30$ years. Serial "B' of the table 1 revealed that majoryty of the mothors verc illiterates and 42-53 par cent fathers had primiaxy sohool oducation in both SES groups. From the data of the Table 1 at sarial ' C ", It can be concluded that majority of the mothers vare housevives while majority of sathors had cultivation as theif primary oceupatyion; Regarding kype of fomily, Sorial ${ }^{1} D^{\prime}$ of Table 1 indicated that 74 per cent parents had nuclear type families and 20 per cent had joint fomijies in both SES groups. Serial "E" of table 1 denoted thist in low micale SES group 40 par cent of the parents had aninual incomo of tie 30,000-35,000 followed by the income range of E3, $25,000-50,000$ ( $35 \%$ ) and below fis. 20,000 ( $4 \%$ ). On the other hand in midale ses group 43 per cent perents had the annual income ranging bse 45,000-50,000 followed by the income range of t5s $40,000-45,000$ ( 3175 ), eleove $\mathrm{Be} 50,000$ (15\%) and $10,000-40,000$ (115)

## 29

4.1.t Dsstribution of rumai girnis according to age and SES Table 2 Distribution of selected rural girls according to age end sociomecononic stakus

| socioneconomic gtatas of gixis |  |  |  |
| :---: | :---: | :---: | :---: |
| $\text { EOW=TLAdue } 3 E S$ |  |  |  |
| Mean age (years) | Number (100) | Man age (yeass) | $\begin{gathered} \text { Nunbex } \\ (100) \end{gathered}$ |
| 74 | 14 | 7.4 | 14 |
| B.4 | 14 | 8.5 | 9 |
| 96 | 13 | 9.4 | 16 |
| 10.6 | 13 | 10.4 | 10 |
| 1196 | 12 | 11.6 | 10 |
| 12.6 | 9 | 12.4 | 14 |
| 13.4 | 14 | 13.5 | 7 |
| 44:5 | 5 | 14.4 | 12 |
| 1502 | 6 | 15.3 | 6 |




 and at each entisted mosin ages the mutron of etria




 nedeta ses groxps.

pable 3 bana oge at menarche of ruraz girist.

| Ses exapm | Moan age (yeara) |
| :---: | :---: |
| Lowatiode | 13.85 50.44 |
| 䢕dide | 35.16 0.45 |





 She reported zuan age $\$ 4.6$ ytars wo howaveshtriton

$3 *$








 sumatran．（Annexure III）





 after age 省 which wight not hate contributed









32
algnitucant ditformed between the ovarnla
 groupie caral givis.

It 位 obvious frow the weasuremante that thare was a aston inctoase in haticht (Pedia)
 ses arong ond bitwan gt and 10+ years in midate sess group due to the begtnime of pubarty growth spaite:
 toum to be oliskthy botter than the joxmidale ans group till the age thte Howevay at the oge
 the grits of lownidate ses aroupe


|  | Weam neight (em) of clivin |  |
| :---: | :---: | :---: |
|  | $\text { to } \frac{\mathrm{ridec}}{(t+0)}$ | $\begin{gathered} \text { sade ses } \\ \text { Roog } \end{gathered}$ |
| 7* | 109.0\% +6.7 | 144060 $=6.50$ |
| * |  |  |
| 94 |  | +23444* |
| \%\% | 123.64 t 6408 | 13240 70.72 |
| +4* | 1466 66.47 | 136.20 - 60.35 |
| 409\% |  | 140. 29 - 5.00 |
| 3 | 40275 4560 | 142.43 + Bigo |
| 4* |  | 454es 4476 |
| \% 5 | 3564 | 194904-400 |











Fig 1 COMPARISON OF MEAN HEIGHTS OFRURAL GIRLS (PRESENT STUDY) WITH NCHS DATA

## 触


















cotagerias of grouth based on theip ataturiti=

| Fercantarge gevidiand biel ght | Growth aotegorthas | Ferceatiag of Iopmanda ses (100) |  |
| :---: | :---: | :---: | :---: |
| Above 100 | Abrixam | - | 04 |
| 90-10\% | Hatmal | 48 | 64 |
| dexow 90 | Sabronta | 5 | 32 |

 atria of beth the ses groupe as a porematoge of the








 ecpalan ond teate (4eas):



| He <br> (yame) |  |  |
| :---: | :---: | :---: |
|  | Lampatize |  |
| 7 | 17,42 考积6 | 10.7\% 3 3 38 |
| * | 19014.a |  |
| 9* |  | 23.34 + 5 22 |
| 10 | 22023 ${ }^{2} 4.96$ | - $60 \pm 3.92$ |
| 144 |  |  |
| 130 |  | 23675 |
| * |  |  |
| 40\% | 35990.4.74 | \$9,35 42.53 |
| 154 |  | 40.75 + 4.53 |

[^0]\[

$$
\begin{aligned}
& \cdots \\
& \cdots \\
& \cdots \\
& \cdots
\end{aligned}
$$ MSES
\]



Fig. 2 COMPARISON OF MEAN WEIGHTS OF RURAL GIRLS (PRESENT STUDY) WITH NCHS DATA

Table 6 illustrated that the mean velghts of lovamidde SES and midale ses rusal gimis according to their age The results Indicated that middle SES girls were relatively havier than thaif counterparts at the agea
 at 154 ago. rits might be cue to relatively easiy onent of menarche ( $13.18 \pm 0.49$ ) in middio ses group gitris as comparea to low- micale sms ( $13.63 \pm 0.44$ ) tha genemally experience greator welght gain one year just hefors ( 12 years) and just after ( 14 years ) of menarche, and then gradually reduces. This also Indiceted that waight gein has signficant positive association with age at menarche.

However, the sign tese revealed no significant difrorence between the mean weighte of low midale and midale ses rueal girls. The Hean weights of the sample giris have been compared with ( Muils) data of Amexican givis at ( 50 parcentile) of corresponaing ages (figi2) The curves in fig 2 indicate that the givis in both the SES groups found to be sigeficantly lower than the RCHS data on mimilar age gixis in theis veight.

Correlation and regression analysis for uelght/ age was estimated by innear regression. Cowetficient of correlation wes positive and significant out of tho total variations 99 per cent, 98 per cent and $95: 8$ per oent variations ingipls weight in Mers date ( $\quad 0.99^{\circ}$ Low- midale







做





Attempt wag rade to exprene the weight of the







| Pextemetana <br>  | 0worth caterontes | Paycentage of yturs |  |
| :---: | :---: | :---: | :---: |
|  |  | $\frac{\text { Hownataxe } 2 \times 8)}{(100)}$ | $\begin{gathered} \text { miaduesbs } \\ \text { Cion) } \end{gathered}$ |
| Atove too | Atarcixinal | - | 4 |
| 906100 | Wernit | - | 8 |
| 3exa 96 | Sumina | 100 | 8 |

30







 Coprion and tamir (tyeg).




 (xowh (Annexure IV)



| Fareantege of whath/hedght 2t 6 | arow 9atergrom | Perecritubte ge gipla |  |
| :---: | :---: | :---: | :---: |
|  |  | $\frac{(10 x-\operatorname{lidax}}{(100)}$ |  |
| Hoowe 300 | Alnenseay | 4 | 4 |
| 90-409\% | Eoticat | 6 | 1 |
| $\text { yolde } 90$ | Sulunotisat | 94 | \% |

Resurut In Tabie a mevealalthat nojopity of the muxal gamis in both ses groups had sibnormal crowth when assessed based on theive weilght/helight ratio, aa they vare bolvw 90 parcent of itamaryed weight/hefight. Tho weason for the dould be absence of additional raputs ovar and ahore tholor hablual poor afetary pattern in age geoup 7 -45 years, which subseqtently make/made then to rifas the physiological opportunity provided adalescence to comped growh deffexte (1.e. Sécond wouna). tif continued which furthex may


It is coneluded that thape is signifitent dixtarence
 atuty mural geria of both the SES groupsw Among the meale and lov-midac ses groups, thowe wes no diffexanee in the thorramenta in uefght and height of
 better than thetr counterparte in lov-mitiala ses, pith ragard to parcentage of etsandari hotght (ncts). Howeves, with zegard to matght/oge and wight/hafght they were almost shatiant

## 40

### 4.3 Feod Intake and Maal pattern

4e3.1. General meal pattern end timing of ruraz ghris One's nutritional status depends upon the guality and quantity of tood one consumes. A blanced diet is
fmportant for growth of body and maintafnance of heaith throughout the Life of an individual.

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Table 9 General meal pattern and timings of the rumal girla

| Timings | Food Items | Per cent of gixis |  | $\begin{aligned} & \text { 'Z' } \\ & \text { Velue } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Low S5 400 | $\begin{aligned} & \text { giddle } \\ & \text { SES } \\ & (100) \end{aligned}$ |  |
| 7-3 日.ato | Ereakifast |  |  |  |
|  | Tea | 67 | 82 | $4.25{ }^{\text {H3 }}$ |
|  | Milk | 43 | 18 | $1.25{ }^{\text {a }}$ |
|  | Rotil ard Chatney | 6 | 6 |  |
|  | bice | 5 | 4 | - |
|  | Hread/biscust | 9 | 11 | - |
| 10 anm. | $L_{\text {Lunch }}$ |  |  |  |
| 12 noon | Javar Roti Chapati Rice | $\begin{aligned} & 17 \\ & 83 \\ & 30 \end{aligned}$ | $\begin{aligned} & 11 \\ & 89 \end{aligned}$ | $1.50^{\mathrm{Ns}} 7.50^{\mathrm{Ns}}$ |
|  |  |  |  |  |
|  | Dhal | 82 | 84 |  |
|  | Vegetable Curry | 73 | 78 | $1.00{ }^{18}$ |
|  | Chutney/Thecha/ PLckie | 82 | 63 | 3.80** |
|  | curd | 7 | 8 | $0.33^{\mathrm{NB}}$ |
|  | N418 Dhopate | 29 | 16 | (1.758 |
| S-5.30 pim. | snacks |  |  |  |
|  | Tea Pohe | 15 5 | 19 | $0.80^{\mathrm{NB}}$ |
|  | chivala | 7 | 2 | $\pm$ |
|  | Upaza | 2 | 4 | - |
| 8-9 pimis | Dinner |  |  |  |
|  | Jowar Rotit | 88 | 91 | 0.78 Ns |
|  | Chapati | 12 | 27 | 0.50 $1.0{ }^{\text {d }}$ |
|  | Dhal | 7 | 10 | 1.000 Ns |
|  | Vegetable curry | 10 | 17 | 1.73s |
|  | Mank | 20 3 | 28 8 | $\text { i. } 60^{49}$ |
|  | Thecha/ Piokio | 58 | 40 | $0.83^{\mathrm{Ns}}$ |
|  | Ehichad | 62 | 74 | $1.50{ }^{\text {NS }}$ |
|  | Thalipith | 58 | 63 | 0.83 Na |
|  | Plthala | 19 | 20 | $0.20{ }^{\text {Ns }}$ |



The genertal meal pattem the sample rurvi



 majority of the givela da both the groups had a exp ot tea. Nojortty of the gixis in toth the groups nod Junch at about 10.00 asmit to $\$$ te00 noon. Luph gensrally

 akutney/thecha/piciale. Dimiew was generally taken by gixla arrund $8,00-9,00$ paliz the moal pattern at
 ahal / curax / ams teaspona ehutney/ pithal or $2-3$
 ginte in both the SES groups had tea at about $5.00 \times 5.30$ puil There was no aftrerence in the weil pattem ano timings of rurat girls between both the SES groups except in eonaumption of chuteney/thechafpictale.
4.3.2 Ganaraliy Consuised Food Groups by Rural otrls

It Ls evident from tha wable thate the comanly consumed food groupg of all the wurel ginat in both the SES groups mere cemeols, pulises, gwen leaty and otho vegetables mile and milk products, fata and
 that and the gtuafer pural giris were vegetariane

43 \& 44
 apmpeat ancol givis.

|  |  | cze |
| :---: | :---: | :---: |

cerrals

| 300 | 30 | 35 | - |
| :--- | :--- | :--- | :--- |
| 30 | 75 | 2.500 |  |
|  | 25 | 98 | 1.75 |



## arean Ieaty

| 89ansek | 35 | 71 | 6.00 |
| :---: | :---: | :---: | :---: |
| Faengrent Itacea | 50 | 61 | $1.83{ }^{\text {\% }}$ |
| unint curlon | 50 | 50 | - |
| gacaumer Iemeay | 62 | 63 | $0.16{ }^{\text {Ma }}$ |
| Panguzaman Lewne | 70 | 75 | $0.83^{\text {12a }}$ |
| 20atim | 60 | 65 | $0.83{ }^{\text {AF }}$ |
| outer vagetalyso |  |  |  |
| Putate | 58 | 50 | $1.35{ }^{\text {Ns }}$ |
| nelninl | 52 | 65 | 2.16 \% |
| Tompte | 60 | 65 | 0.83 |
| Eadas Einger | 50 | 60 | $1.66{ }^{\text {K }}$ |
| Pucatim | 23 | 35 | 2.00 |


| Cabrage | 20 | 26 | 0.40 A8 |
| :---: | :---: | :---: | :---: |
| Cenclemamp | 36 | 60 | 4.35 |
| Purunin/bottle | 58 | 63 | 4.66 |

Mins and Mist Prodnots


45
Information on generaliy consumed zood groups of the selected ruval girle are filustrated in Table 10. Majority of the gisle in both SES groups consumed cercals such as wheal, Jowar, from pulses, graengramy redgram and black gram, mong greenleafy vegetables bongalgram and safflower leaves, anc tandulse followed by fenugreck leaves, ambat chucka and spinach. Tonato, followed by brinjal, ladies fingor: patato vere the other vegetables mainly consutied by beth the groups girla. Consumption of milk as it is observed in 13-18 per cent pural girls and in tea form by above 80 per cent giris was recorded for both the sis groups. Saffiovar/ groundnut oil. and auger treme consumed by ali the rural gris. In both the groups, Ber, Gusva and Banana were seasonal fruita commonly consumed by the glirls.
4.3.3 Privilege of Cetting Required amount and liked Food. Items Table 11 Privilege of the rural givis in getting required amount and 11 ked foed items

| Reasons | Per cent of girls |  | $\begin{aligned} & \text { By } \\ & \text { value } \end{aligned}$ |
| :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Lovmmiadle } \\ & \text { SRS } \\ & (100) \end{aligned}$ | $\begin{aligned} & \text { Piddle } \\ & \text { SES } \\ & (100) \end{aligned}$ |  |
| For yes | ( $n-59$ ) | ( $n-73$ ) | $2.33^{*}$. |
| Speorel conssderation of parents | 18 | 21 | $0.50{ }^{368}$ |
| Availabiluty of guficient food | 47 | 52 | $1.38{ }^{\text {NS }}$ |
| For No | ( n 441 ) | ( $\mathrm{n}-27$ ) | 2.33 |
| More stiblings Being elder stiblings | $\begin{array}{r} 21 \\ 9 \end{array}$ | 33 | $\begin{aligned} & 0.8 g^{\mathrm{Ns}} \\ & 0.40^{\mathrm{Ns}} \end{aligned}$ |
| Discrimination baing gi.rl | 11 | 7 | $0.65^{\mathrm{Ns}}$ |

[^1]Table il indicates privileges of the rural gixis in getting requirea minnt and $2 i k e d$ food items. Signim iteantiy nore number' of midale siss giris found to get required amount of Lood and 1iked lood items as compared to theis counterparti in $10 x \%$ nidide SES group. The reasons givien specital constderation of parents ( $18 \%$ and $24 \%$ ) and availability of sufficient amount of feod at home ( $47 \%$ and $52 \%$ ) in lowmidale and midile SES groups raspectiveiy. Signtitcontiy $y^{-}$i, more number of girls (40 ) were deprived of sufficient amount of food man 13ked tood ltems such as sweet aishas ( Basuriat, Khear ste.) In lowe mirdie SEs group as compared to middie SES aroupe The ressons stated in both the gES Broups for the same wera mere
number of ohitaren（oikbitings）in the zanily （13 to 21 \％）followea by aserimbnation being a gina（ $7-14$ ）and being elder sibuing was requirad to asentifice（ $7-9 \%$ ）．

However，thare tras no thifewance in the reasons atated ior the same in both the SES groups．

4．3．4 Assesment of nutritional status of Rumal Cirlis．
Fable te Assessment of nutatitional status of framal givid based on their woight tor ages

| Percentage of velight | CLaselification ot nutwitional otatus | Fer cent of mural Givi星 |  | $z^{2}$ <br> valuta |
| :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { LowmiddLa } \\ \operatorname{ses} \\ (100) \end{gathered}$ | $\begin{aligned} & \text { BLAdLe } \\ & \text { SES } \\ & (100) \text {. } \end{aligned}$ |  |
| Abour go： | Heda nouticighea | ＊ | 12 | － |
| $75-69$ | Plint Gegrae of maLnutrix 全的 | 委 | 35 | 0.16 |
| 67－74 | Sacond degree of nalnutriction | 35 | 38 | 0.50 城 |
| Eelam 60 | Th xud degnee of manutint Aon | 24 | 77 | $1.75{ }^{\text {Ns }}$ |

Ne－nonstgaisicant
After having got anta on meal pattem of rumal Buna it was coit necessary to study the nutritionil atatus of xtural gifis based on thoute bocy velight／age to assegs whether tha food inputs to the salected girla werc buftielent or insurficiant．For this purpose
the fural girls were clasasfied into various groups of malnutrition as par the classificatory scale of conez (1987).

Table 12 amplied that only 12 giris in iticale SES and one of the gitrls in Iownifdale SES groups were welil-nourtshed Forty one per cent, 35 per cent 24 pen cont girls in low-middie ses had tirst. second and third degree of malnutrition respectively; and the corresponaing values were 33 par cent., 38 per cent and 17 per cent for madile SES group girla. '2' values indiceted that there was no significant cifference with respect to dogree of malnutrition in both SES group. These rebults are in pas with indings of. Gopalan (1989).

It can be concluded from the results of above tables that meanerity of the selcoted rurel girlis were not provided with balanced and sutiticient amount of food to exploit the "second opportunity" which nature offers to the chilidren to overcome deficits in growthe

Majority of the solected rural givis wore vegetariang. hat genarally food twịce in a day besides havins oniy a cup of tea in the'morning used some of the items of all food groups oxcept cge, meat and ment products.

4．4 Health Problems and Care Taken of Rural giris

## 4．4．7 Health problems of Rurel cirla

 The health problems encountered anong the rural giris are reported in table 13．The resulte in the tabie explain that cough and cold found te be commonly and irequently faced hoalth problems of majority of the rural giris in the age group 7－15 years in both the ；佂S groups which was followed by fever：In lowentidia SES group girle suffered from vomitting（29\％），diamhoee（24\％）and headache （25\％）and the corresponding pexeentages for these． health problems in middle SES group ware 18 per cent． 2才告 per cent min 17 per cent．In lov－midale SES group $32-45$ por cent giris suffered rarely from vomitting asaryheea and heatache，while it wes 23－44．per cent in middle SES group．Among the enilsted health problems，beadeche was expericnead slgnificantiy by more number of giris in low－midale SES group then miadle SES groupe It was also pecorged that 32 e－ 37 ．par cent girls in both SEs groups had cats／ Injuries and buyns on theie limbs aue to thair invol－ vement in houstuork，faxm wort and animal care besiaes In play with peerst50
Table 13 Health problems enoountered among the swacted rural gixis

| Health problems | Paz cent of xumal elmia |  |  |  |  | 2 <br> Value |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Frequentily |  | -2il Value | Rarely |  |  |
|  | $\begin{aligned} & \text { Lownindadio } \\ & \text { SEM } \\ & \text { (100) } \end{aligned}$ | MES (100) |  | Lowmildeale SES (100) | Madale SES (100) |  |
| Cough and coid | 70 | 75 | $0.83{ }^{\text {Na }}$ | 5 | 5 | - |
| Fever | 65 | 55 | 1. $6.66^{\text {N6 }}$ | 20 | 移 | 1.4385 |
| Starrhoea | 24 | 29 | $0.600^{3 / 85}$ | 34 | 41 | 1.16 Na |
| Vematting | 21 | 18 | $0.79^{178}$ | $3{ }^{3}$ | \% | $0.66{ }^{\text {a }}$ |
| Conjunetivitisis) | $=$ | . | - | 15 | 13 | $0.50^{78}$ |
| Hexdmohe | 25 | 17 | $2.00^{*}$ | 45 | 23 | $3.66{ }^{* *}$ |
| Abdomen patn | 13 | 46 | $0.78{ }^{\text {Na }}$ | 27 | 23 | $0.80{ }^{N 6}$ |

[^2]



| Hoce ser tratwat for nimentis. | Fer mat <br> 50:mandat g18 (not) |  | *2 <br> Tall |
| :---: | :---: | :---: | :---: |
| Thengebatie <br>  | Weo | +63 | $\cdots$ |
| Troatment 4 mo <br> i) 5re 36arn | 8 | 8 | 1.atis |
| ii) Private Aywyostc Dootexs | 敂 | 48 |  |







 givis were raferyed to pric staff for treatment by




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 houshold fewedtee nita allopathy treotranty Thexa wes

 tor durferent mouth problems.


 in Table



| Partieulars | Per eaxt of camiltos |  |  |
| :---: | :---: | :---: | :---: |
|  | 200minteate sim (100) | $\begin{aligned} & \text { Yeane } \\ & \text { Yes } \\ & \text { Yoo } \end{aligned}$ |  |
| Proviatio nreteribod cadscine | 2 | 8 | $0.26{ }^{\text {l }}$ |
| $04 \cos ^{2}$ and Spacenal toda | 60. | \% | 2,00 |
| Reauction in wort 1oad | 65 | 78 | $2 \cdot 16{ }^{*}$ |
| Frovidum suctricticnt zast | $\%$ | 90 | 500\% |



Atiove 60 and 72s tanilica in 1owndadse and midate sas eroups rocpectively gove spachai atzention to thetr




 same Seventy enht pat ecint famizses in loumitale

 while the rost heo nogative athituloty.







4.5 totivity 4.5.1 A crossmehcering of flato Reportad by Rumal girls an Aotulty ani htue Spanting Fotezrob.

Fxior to the malyaks of dota colfected on abtivity



弱
and the rescruct activitues of ate efris the the Envecticntor through naturalistion obsorvation ( from daem to duck) to arstur at marcentage ar consenam (ngenment). The resuits apa inaticoted


 that the meportea intomantion of gixis (reapondents) or actuity materis is highly revitable and valed.

Stimariy compantion vas torked sut betwein
 observect themapeniand pattorn (Irycstigator) of ruraz ctrisw catculated "ry walus and coloulated 't" values
 in tho rempried and rocorsted timomponting pattaros of mand earlat Hence, it is reliable.

The coliected coto on aftivitics and time-spending
 arougg wie giver agomaroup wiae in table 16. AII the activities generaliy porformad thy waral einis in both the aroups aso elosolitied under diflorent hoats sueh as Porsenal :- core, Domestio sork, stiling case gehool wort, Dow worty animal caro, Collection of fuel or sozmung, Play/fecreation ard slecy and Rope.
1AELL 16. The activity and time - spending patterns of rural girlsf

| Activities | Girls age in (years) and mean time (min) spent on activites |  |  |  |  |  |  |  |  |  | 'z'/ ' $t$ ' values for over all mean time |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} n \\ (100) \end{gathered}$ | Low maddle SES (100) |  |  |  | $\begin{gathered} n \\ (100)- \end{gathered}$ | Middle SES (100) |  |  |  |  |
|  |  | $7-9$ <br> (35) | $\begin{aligned} & 10-12 \\ & 135) \end{aligned}$ | $\begin{gathered} 13-15 \\ (30) \end{gathered}$ | $\begin{aligned} & \text { Over all mean } \\ & \text { time } \pm \text { S.D. } \end{aligned}$ |  | $\begin{aligned} & 7-9 \\ & \text { (35) } \end{aligned}$ | $\begin{aligned} & 10-12 \\ & (35) \end{aligned}$ | $\begin{aligned} & 13-15 \\ & \text { (30) } \end{aligned}$ | Over all mean time + S.D. |  |
| Personal care | 100 | $\begin{gathered} 65.00 \pm 6.61 \\ (35) \end{gathered}$ | $\frac{61.88 \pm}{(35)} \pm 7.10$ | $\underset{(30)}{61.56} \pm 4.89$ | $\begin{gathered} 63.02 \pm 6.51 \\ (100) \end{gathered}$ | 100 | $\begin{aligned} & 62.31 \pm 7.37 \\ & (35) \end{aligned}$ | $\begin{gathered} 63.94 \pm 7.34 \\ (35) \end{gathered}$ | $\begin{gathered} 63.00 \pm 6.39 \\ (30) \end{gathered}$ | $\begin{gathered} 63.09 \pm 7.04 \\ (100) \end{gathered}$ | $0.07{ }^{\text {NS }}$ |
| Domestic mork | 100 | $\begin{gathered} 261.66 \pm 28.43 \\ (35) \end{gathered}$ | $\begin{gathered} 308.80 \pm 19.35 \\ (35) \end{gathered}$ | $\begin{gathered} 331.53 \pm 27.53 \\ (30) \end{gathered}$ | $\begin{gathered} 299.12 \pm 38.41 \\ (100) \end{gathered}$ | 100 | $\begin{gathered} 268.14 \pm 25.55 \\ (35) \end{gathered}$ | $\begin{gathered} 309.14 \pm 23.28 \\ (30) \end{gathered}$ | $\begin{gathered} 315.27 \pm 32.03 \\ (30) \end{gathered}$ | $\begin{gathered} 296.63 \pm 34.03 \\ (100) \end{gathered}$ | N |
| Slbling care | 47 | $\begin{gathered} 47.79 \pm 7.24 \\ (24) \end{gathered}$ | $\begin{aligned} & 50.72 \pm 7.20 \\ & (18) \end{aligned}$ | $\underset{(5)}{60.00} \pm 8.22$ | $\begin{gathered} 50.23 \pm 8.08 \\ (47) \end{gathered}$ | 44 | $\begin{gathered} 56.75 \pm 8.23 \\ (24) \end{gathered}$ | $\begin{gathered} 45.38 \pm 8.57 \\ (13) \end{gathered}$ | $56.85 \pm 6.25$ <br> (7) | $\begin{aligned} & 53.40 \pm 9.48 \\ & (44) \end{aligned}$ | 1.81 |
| School work | 75 | $\begin{gathered} 261.13 \pm 59.93 \\ (25) \end{gathered}$ | $\begin{gathered} 273.45 \pm 13.52 \\ (31) \end{gathered}$ | $\begin{aligned} & 299.47 \pm 16.93 \\ & (19) \end{aligned}$ | $\begin{gathered} 276.00 \pm 37.57 \\ (75) \end{gathered}$ | 82 | $\begin{gathered} 272.41 \pm 12.14 \\ (27) \end{gathered}$ | $\underset{(30)}{277.37 \pm 13.75}$ | $\begin{gathered} 301.68 \pm 26.11 \\ (25) \end{gathered}$ | $283.15 \pm 21.76$ <br> (82) | 1.44 |
| Farm work | 81 | $\begin{gathered} 63.93 \pm 8.18 \\ (29) \end{gathered}$ | $\underset{(29)}{57.88 \pm 7.61}$ | $\begin{gathered} 61.95 \pm 6.77 \\ (23) \end{gathered}$ | $\begin{gathered} 61.19 \pm 7.95 \\ (81) \end{gathered}$ | 50 | $\begin{aligned} & 63.40 \pm 9.16 \\ & \text { (25) } \end{aligned}$ | $55.66 \pm 6.81$ (18) | $60.57 \pm 6.13$ <br> (7) | $\begin{gathered} 60.22 \pm 8.64 \\ (50) \end{gathered}$ | $0.64^{\prime}$ NS |
| Ansmals care | 78 | $\begin{gathered} 63.39 \pm 5.64 \\ (28) \end{gathered}$ | $\frac{60.86}{(30)} \pm 6.65$ | $\begin{aligned} & 59.60 \pm 8.31 \\ & (20) \end{aligned}$ | $\begin{gathered} 61.44 \pm 6.87 \\ (78) \end{gathered}$ | 71 | $\begin{gathered} 61.35 \pm 8.54 \\ (20) \end{gathered}$ | $62.72 \pm 9.28$ <br> (25) | $61.11 \pm 7.23$ <br> (2b) | $61.74 \pm 8.28$ (71) | 0.24 <br> MS |
| Collection ot fuel t cowdung | 27 | $\begin{gathered} 32.40 \pm 5.59 \\ (5) . \end{gathered}$ | $\begin{gathered} 30.73 \pm 3.21 \\ (15) \end{gathered}$ | $\begin{gathered} 27.85 \pm 2.34 \\ 17) \end{gathered}$ | $\begin{gathered} 30.29 \pm 3.77 \\ (27) \end{gathered}$ | 13 | $34.25 \pm 4.34$ <br> (4) | $27.66 \pm 2.51$ <br> (3) | $27.33 \pm 2.06$ | $\begin{gathered} 29.53 \pm 4.27 \\ (13) \end{gathered}$ | 0.61 |
| Play/recreation | 100 | $171.03 \pm 20.76$ <br> (35) | $173.74 \pm 37.84$ <br> (35) | $\begin{gathered} 166.27 \pm 39.62 \\ (30) \end{gathered}$ | $\begin{gathered} 170.55 \pm 33.30 \\ (100) \end{gathered}$ | 100 | $\begin{gathered} 179.91 \pm 12.84 \\ (35) \end{gathered}$ | $178.77 \pm 40.02$ <br> (35) | $\begin{gathered} 167.23 \pm 55.41 \\ (30) \end{gathered}$ | $\begin{gathered} 175.71 \pm 39.21 \\ (100) \\ 489.93 \pm 24.57 \end{gathered}$ | $\begin{aligned} & 1.00^{\mathrm{NS}} \\ & 0.53 \end{aligned}$ |
| Sleep/Rest | 100 | $\begin{gathered} 494.57+18.34 \\ (35) \end{gathered}$ | $\begin{gathered} 499.74 \pm 15.58 \\ (35) \end{gathered}$ | $\underset{(30)}{474.50} \pm 16.57$ | $\begin{gathered} 488.2 b \pm 19.01 \\ (100) \end{gathered}$ | 100 | $498.57 \pm 17.47$ | $491.57 \pm 25.94$ | $\begin{gathered} 477.93 \pm 25.92 \\ (30) \end{gathered}$ | $\begin{gathered} 489.93 \pm 24.57 \\ (100) \end{gathered}$ | 0.53 |

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## LMSES



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In giadle SES axoup, miximg tim or 296.63 4

 rural ginle zeapectivaly bosides avaryboty spending
 $175.74 \pm 39.27$ minutee west zpent on piov/recreakion






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 of rumal giris at wacted twre agempeupe between


 stixing auns, acheal wort, play ani recreation and

 hand in 10-12 gham age group, the lownilacta sw givis spent aboat ti gieatra tace (minutes) on atbling care: and fuel and eovedung cellectica and in age eroup $13-15$
 wort then thase couskerparts in whede sis group

 of murai givis partionlariy on activitice like sibling care, 'domentio work wout collection at various ago Ievelav
Table 17．Activitv and time－spendina patterns of school going and non－school going rural airls．

| Activities | $\begin{gathered} n \\ (100) \end{gathered}$ | Mean time（marustes）spent by qurls |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \text { Low-mid } \\ & \text { Mean } \pm \\ & 56 \\ & \text { (75) } \end{aligned}$ | $\begin{aligned} & \text { dle SES } \\ & \text { SD } \\ & \text { NSG } \\ & \text { (25) } \end{aligned}$ | ＇t＇ value | $\underset{(100)}{n}$ | ```Mzddl - Mean I 50 (GE)``` | $\begin{aligned} & \text { E SES } \\ & =\text { SD } \\ & \\ & \\ & \\ & \\ & \\ & \\ & \text { NSG } \\ & \text { (18) } \end{aligned}$ | $\begin{gathered} \text { 't' } \\ \text { value } \end{gathered}$ |
| Persomal care | 100 | $6.76 \pm 05.8$ （75） | $\underset{(25)}{ \pm .20 .14}$ | $0.14^{\text {ns }}$ | 100 | $63.28 \pm 07.02$ <br> （82） |  | $0.64{ }^{\text {N／}}$ |
| Domestic worl： | 1（x） | $\underset{(75)}{2750 \pm 21.12}$ | $\begin{gathered} 307.57 \pm 24.44 \\ (25) \end{gathered}$ | $5.97{ }^{* *}$ | 100 | $294.31 \pm 2.80$ | $\begin{gathered} 313.71 \pm 44.00 \\ (18) \end{gathered}$ | C．64＊＊ |
| Sibling care | 47 | $51.27 \pm 06.41$ | $5 \operatorname{sen} 48 \pm 04.84$ | 0.43 | 44 | $53.18 \pm 08.0 /$ <br> （35） | $\begin{gathered} 51.58 \pm 06.14 \\ (4) \end{gathered}$ | 0.56 |
| School wort． | ＇75 | $\begin{gathered} 278.04 \pm \pm 2.120 \\ (75) \end{gathered}$ |  |  | Hex | \％ |  |  |
| Farm worls． | H1 | $\begin{gathered} 58.78 \pm 197.04 \\ (56) \end{gathered}$ | $66.64 \pm \infty .30$ | $5.288^{* *}$ | 50 | $\begin{aligned} & 60.84 \pm 07.25 \\ & (3(3) \end{aligned}$ | $\begin{aligned} & 63.36 \pm 45.12 \text { (16) } \\ & \text { (16) } \end{aligned}$ | 1.2 |
| Arimal care | \％ | $60.30 \pm 07.01$ | $\begin{gathered} 63.16 \pm 06.34 \\ (20) \end{gathered}$ | $1.67{ }^{\text {ns }}$ | 61 | $\begin{aligned} & 60.877 \pm(88.4 c) \\ & (38) \end{aligned}$ | （e2） | 1． $1 .{ }^{* *}$ |
| Lollection ot flual \＆cowding | ご1 | $32.05 \pm 40.14$ | $29.16 \pm 02.62$ <br> （9） | 2．4＊＊＊＊ | 13 | $\begin{aligned} & \left.27.83 \pm 0 E,{ }^{(5)}\right) \end{aligned}$ | $31.05 \pm 02.67$ <br> （8） | 2．25＊＊ |
| Flay／recreation | 100 100 | $\begin{gathered} 158.40) \\ (75) \end{gathered}+11.79$ | $\begin{aligned} & 215.60) \\ & (25) \end{aligned} 18.47$ | $18.53^{* *}$ $0.33^{1 N}$ | 100 100 | $\begin{aligned} & 161.73 \pm 12.1 亡 \\ & (8 \mathrm{C}) \end{aligned}$ | $\begin{aligned} & 246.21 \pm 26.46 \\ & (18) \\ & 445.54+12.80 \end{aligned}$ | 21．44＊＊ |
| Sleep／Rest | 100 | 485 ． <br> （75） | $488.84 \pm 15.34$ <br> （25） | $0.3{ }^{10}$ | 100 | $488.06 \pm 24.48$ （b己） | $445.53 \pm 12.80$ <br> （18） | 1.44 |

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LMSES | $\left\{\begin{array}{l}\text { Noll School going } \\ \text { Non-school going }\end{array}\right.$ |
| :--- |
| MSES $\left\{\begin{array}{l}\text { School going } \\ \text { Nan-school going }\end{array}\right.$ |

[^6]|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 5 | 6 | 7 | 8 | 9 |
| of Gir | 5 |  |  |  |

$5 \longrightarrow \longrightarrow$
QNV $9 N 109$ 700HOS 10 SNQコ1V
NON-SCHOOL GOING RURAL GIRLS


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## 6





|  |  | Par erot ot purents |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \text { Cow } \quad \text { ghation } \\ & (100) \end{aligned}$ | $\begin{aligned} & \text { Hedite } \\ & (\mathbf{5 6 0} 9) \end{aligned}$ |  |
|  | Feranozifut | $n-7$ | 4-3 |  |
|  | To wake duthte tat-suxticirext <br>  | ter <br> 06.66 | 94.46 | + $25^{718}$ |
|  | 票 mater tatuhte Husan antay 2te | 98.38 | 97.56 | $1.35{ }^{48}$ |
|  | Freatisantion tha cuackation tid buste need | 66ty 66 | 8780 | 4,20** |
|  | Couge grod nutcoly | 86.65 | 67\%0\% | * |
| 3* | Fop not-maditug $\boldsymbol{n}$ - |  | a-18 |  |
|  |  |  | 666 | 246 |
|  | Goste of tina and | 80.00 | 55.35 | 1/70 Na |
|  |  | 64.00 | 33.34 | 14.48** |
| - |  |  |  |  |



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Sinilar trend of results ware reported in the study of Hati (1992) that airls are neglected a lot in the field of cducation. While Kultarni (1991) found in his skudy: the reasons for not enfolling and drapping out wore, girls were required to help at home, poverty and inablifty to afford education and parent's leek of interest in education.

### 4.6.3 Investments and .ifforts Made by Rural Parents for Lducating liheir Daughters

Table 20 Investments and efforts made by rural parents for educating their daughters

| Investments and Efforts | Per cent of parents |  | 'Z' |
| :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Low-middle } \\ \text { SES } \\ (75) \end{gathered}$ | Miodle SES (82) | Value |

a) Money incurrej on purchase ot educational materials/year

| Rs. $150-250$ | 9.33 | 7.31 | $0.40^{\text {Ns }}$ |
| :--- | ---: | ---: | ---: |
| Rs. $250-350$ | 61.53 | 31.70 | $4.29^{* *}$ |
| Rs. $350-450$ | 29.33 | 60.97 | $4.42^{* *}$ |

b) Supervision of studies
73.33
91.46
$3.60^{* *}$
c) Assisting in studies
29.33
35.36
$1.00^{\mathrm{Ns}}$
d) Providing enough time for studies
100.00
100.00
e) Helping in
daughters work in orcer to send to school in time
30.00
53.65
$3.28^{* *}$
f) Provision of essential materials
Note Books
100.00

Text Eooks
80.00

Pen/pencil
100.00

Jood clothing
100.00

Uniform
66. 66
100.00

Protecting
material fron
rain
46.06
97.56
$10.20^{* *}$
g) Provision of
essential
materials in
time and solving school related problems in
time
78.66
87.80
$1.80^{\mathrm{Ns}}$
h) Valueing and encouraging studies 74.00 98.00 $6.00^{* *}$







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 to the setivol ming daughtexe (2-5 houts in a day)


were kenn about daughtep" a ducation and herce helped in theix aughtaris vont to accompligh aerly in owibe to sand them to sohool the titne.

Regarding provision of assantial materatis to sohool-gosing gerlety in both the SRS groxps all the parents tupied their best to provice good clothing. note bookg. penkulle movistion of text bookg to gimis was about 80 par cent.
 and 46 per cent parents in low-middive SEs group provided protedtive natersale such as plamtic conted fute bags, polythene bags and portabla small umbralia to theis school-going daughters in wainy aemsom in onace to serd them to somol ragularly. Moweran sscential materkals mere aupilea to the giris in time by 7e-88 per cent parents in both the SES Eroupsse' Eacueation to ginige was walued by 74 por cent low midala SRE and 98 por cent middie ges pupal paranta and these parents aricoureged thaty doughters to atuay atleare upto $10^{\text {th }}$ alass an such faosility is available. to them in throw respective wiluges.

T2" tast revealed that signtidicently more number of rural parents in midale SES group mada mare Investments and extorts on eertath aspects

Felatica to educditing thefis datghters as compara to paratis of loummadia ses.

It is intexped inom the above reautats (tabie 18. 19. 20) that thare was atifemenee in sehool froviluent of givis belonging to the age guoupa $7-2$ yearali and $10-42$ years in the both SES groupa while $13-15$ yearg signititeantiy fore mubar of giris in mialle sis vare emolied as comparda to lowmidale fies girls. Signifloantly more nimbar of madia ses group parents made nere inveretments and etforts in edriciting thax daughters as compared fo Lowmitade. SES group; The saesons common tor woryty of the giris tor not gaing to sehool regulariy were thete 111-henithe tostivales mariages of remily menbers/ yalatives and amyvel of wolatives to home the waln reasons meported by parent for empolimstit of girls in school waye that they become smarter and manage 女helis home batter once actucated, become sellguttictere in $3 R^{\prime} \mathrm{a}$ ond increase the ohanda of gatting a good husbani and reasing tor notmortoiling giriss in gehool. The mata reasons for not anroliment wore no value tor cemeation, waste bitime and money as they domet acquire stariza of enetioni inportanco and subling care
4.6.4 Reasome Repoxted Por Hot Cofing Lo School Regulariy by the Raspondants


| Reamens | AGe range and par cent of getig Lovimiade SES (100) <br> $10 \mathrm{~m} / 2$ <br> (31) <br> 13int <br> (19) <br> Total <br> (7) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Beasonaz farmutorls | 40:00 | 44.93 | 26.3 |  |
| Baby attreng | 68.80 | 12.90 | 036 | 0983 |
| I22 health | 100.00 | 100.00 | 100.00 | 100800 |
| Bestivals | 100.00 | 100, 00 | 100600 | 100,00 |
| Taxrringes | 100,00 | 100.00 | 100500 | 100\%00 |
| Aryduai of welatites | 4e.00 | 96.77 | 100.00 | 925 |

[^7]Heasons reported by the respondent for not goins to sehiool regalarly are given in table 2t. $x t$ is obvious from the table that in both the ses groups all the giris did not go to school whenever they uera alek, on festival days and on the alay of theire family mombers/relatives marriages. Arrival of relatives to theis homes was a reason to the girls for not going to achool in 92.59 par cent and 67.07 pey cent familes of low-miadle and midale SES groups respcetively. While scesonal rarm work was a reason to 37440 por cent "girlis in both the SES groups coula not go to" school regulariy as they vero requised to baby sat to thair younger stiblings now and then, gue to their mother's work. overall thare was not much aifference in the reasons stated for not attending school, age range wise of girlis in both the SES groups.

### 4.7 Parental Attitudes Touards Their Laughters

Tacle 22 Attitudes of rumal pasents towards their daughters

| Attitudes | Per cent of parents |  |  | ${ }^{\text {szt }}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} 10 v-m i d a l e \\ \left(\frac{\mathrm{SES}}{100)}\right. \end{gathered}$ | $\begin{aligned} & \text { midale } \\ & (100) \end{aligned}$ | : |  |
| Positetue | (88) | (79) |  |  |
| Easy to bring up | $23^{\circ}$ | 18 |  | $1.25{ }^{\text {Ns }}$ |
| Reciprocate well Zove and aflection | 27 | 17 |  | $2.50{ }^{\text {m* }}$ |
| Gets lame to family | , 38 | 44 |  | $1.00^{\mathrm{Ns}}$ |
| Nugative . | (465) | (165) | * | : |
| Expensive chi3a | 100 | 100 | . | - |
| Butnetng up dallgnter is mere waste. | 65 | 69 | * | - |

** $-\mathrm{P}<0.05$. Nsminon-significaint
4.7.1 Attituces of Rural Rarent's Towaras 縕hedr Daughters Attitudes of perents towards thair daughters are indicated in table 22. Relativaly majoxity of parents expressed nagative attitudes towards their daughter in both the SES groupg than the positive attitudes. A3X the parents in both the SES groups expressed that daughtors are expensive as they nead to bive gaod anount of downy for getting them married to settle their lives despite of investing a lot in bringing them up. Similar attiftude was quoted in girl chilat Heed Lor integrated view. NIPCCD (1988). Sixty Sive to sixty nine per cent parents reported that bringing up a girl is a mere vaste as, she is a temporary guest in the family, and customariliy she serves oniy for husband's femily after marriage and does not shoulder her parenthome responsibilitiles, However; on the other hand in low midale ShS group 23 per cent: 27 per cent and 38 per cent parents respectively statod that bringing up giris is a easy fask, daughters reciprocate well love and affection and get fams to maiamily by serving at husband's home. The corresponding percentages in midale SES group were 44 per cent, 17 per cent and 18 per cent. It was interesting to note that as compared to middie SES group significantily more number of Low-midite SES group parants expresocd positive attitude thet deughters reciprocate love and affection well. Sociomeonomice atatus of parents of the solected girle found to have no influence on the parental attitudes towards their daughter in rural area.
4.7.2 Expoctations From Daughtors of Rural Parents table 23 , Erpectations from deughters of rure7 parents

| Paremeters | Per cont of Paronts |  | $\begin{array}{r} \text { r } \\ \text { value } \end{array}$ |
| :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { iovemsidele } \\ & (100) \end{aligned}$ | $\begin{aligned} & \text { पude2e } \\ & (100) \\ & (100) \end{aligned}$ |  |

Gulltios apprecinted

| loving and Affectionate | 100 | 98 |  |
| :---: | :---: | :---: | :---: |
| Sawriticting | 58 | 78 | $3.35{ }^{\text {\%** }}$ |
| Generous | 67 | 73 | 1.00 NS |
| social and extrovept | 71 | 74 | 0.50 Ns. |
| Rexigious | 99 | 99 | $2,00^{(10}$. |
| Obeatent | 86 | 84 | $1.00{ }^{\text {Na }}$ |
| Mend and do own work well | 95 | 97 | 1.000930 |
| Have good congany | 63 | 68 | $0.83{ }^{\text {Ns }}$ |

Expactation ercm daughtans

** $P<0.05$; $P<0.07$; Msm Nonmstenicicant.
Table 23 . described about tho expoctations from daughters of rupal paxerta. Ovorall, thore was no signiticant aleferance in the bxpotethons of rupal perents frow thestr daughters. The quailitics

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apprectated of girie in both the SES groups weis Ioving and affectionate ( $93-100$ 行) followed by beting religious innied (95-99 \%). do wowt well (95-97 5s).
 generous ( $67-73$ m), be in good company and gacriticing ( $58-7 \mathrm{j}$ \% ) . However, significantly more number of parente in middic SES group destred their deughter to to have socrificing noture as comparconiowniadale ses group.

Figarding expectetions from daughtens all the parents ( 100 s ) in both the groups vanted their daughteas to be good at house mork and chlid care while 67 per cent and 77 por cent parents in low-midale SES aut midale SEs groups expected daughters to do well Lif stuaies, 65 per cent and 63 par cent expected giris shourd do all wonk well, ani 28 par sont, and 33 par cent wanted them to talk less with otherg respectively.

Furthar it was also recoxdea that in jov-mideale SES graup majority of the (above 90 號) parents vanted to parform thatr daughtom's marriage at. age ranges 15-16 and 18-49 years; where as in midale SES group parents stanted it betseen 18 and 22 years age by giving them to proapective grooms who have sound famsty baokground and good omount of properity and economileal indiependente.

75
From analysis of $z$ tegt it can be conelutad that no signtiticant atrerence was found in the expectations swom aughtens of mural parants in both the SES Eroupa . Some of these Eindting ape similar to conclustions made in the study of Mayturdar (1990).

All the ruray parentis in bath ses gfoups vanted their daughteps to be good housiculves in future and none of them expressed that daughters shonla take up some or other employgent in future.

## SUMMARY

CHAPREA 5

## SUMHARI

An attempt was made to atuay a proctle of Rural Ginna of Parbhani gistrict " of Maratiwada region with the tollowing objectives :

Ts To coizect data on growth of mural givis in Parbhant District in order to inveswigate thefr growth patkexn and to compare it with NCHS (Nationel Contre for Haalth Statisties) standarais
2. To study the generea meal pattern of rumal girlis.
3. To 续nd out the genemal health problems and care taken of rural girls.
4. To analyse activity and timempanding patterns of rural girla.
5. To study the investments and efforta made by mural paranta in educating theix deughterg and rural parent"s attitntes totards theip daughters. A atratified rarion sample of 200 tanilles having a daughter in the agemange of 7 to 15 yenms were aelected trom sandomly chosen ten willageaz each two villages Irom samdonly ohoser Iive taluikas at Parbham Distriet ot Hasthroda regione oit of 200 wutal givisp 100 belonged to tovinidale siss stratat while the memaining to midale sis attrate The data wero collaoted inom the selected girls and thelw pawents by mplanenting aurrey thirough personal intexwiev nethod by Lnvestigator on the hasis on finalised sturctured sehadules fryataralistio observation of 20 per annt of sompie givia (40) trom datn to dust and by following atandand proeedures for calimg anthropometwio measurements (valght and helght)

In their homes. The collected cate were pooled. anaysed statiatioally tabulated and atacussed unfer the followitng heads.

Cenernil Information of Parente pf Rural Ginise.
It is evident from the betudy that in both the socitomeconomite gtatus groups majority of the parents were euntivatorg and wexe in the age group of 30 to 40 yearsi. Majority of the mothery in Hoth the groups were inititerate while mafort ty of fathers had education between primaxy and bighschool leve2. Soventy four par cent parents in both the groupa had nuolear type tomities. In lovemydalo SEs majozity of the parants had annual income of Res. 25,000 to $35,000 \%$ : On the other hand in midale


Nean ages and bistinibution of cxilas.
It was found that $\frac{1}{3}$ Lowmaladie ses the ghris lowest meam oge was 7. 7 㑒 years and highest mean oge was $15 . \mathrm{m}^{2}$ yearge while in midale ses group the corresponding man ages wape 7.4 yeam ana 15.3 years respetively. Distribution of girls foe each mean age across 7-15 years was ranged from: 5 to 16 1a both the groups.

Growth Pattem of Rurea Giples and its comparision with weHs Dota.

Regarding hefght of muxal gatisy ft wes tound that the mean hetght (ciu) of gifils was $109.93 \pm 6.70$ at $7+$ and 156.25 \& 3.94 at age 35 in Iowmidaie SEs group and the comresponfing mean holghts in midaze SES group wore $414.50 \pm 6.50$ and $154.50 \pm 4.20$ respectively. No algnititicant atitierence wis Lound between the meam hatghte of the rural giris bulonging to both the SES groupsiy Regarding malight at the age $7+$ years rural giris had micen weight (Kg) $17.42 \pm$ T.46 and at the age 75 years it waw $42.75 \pm 3.77$ the coxreaponding meen weights in midale SESgroup were $18.17 \pm 3.38$ and $40.75 \pm 1.53$ wespectively. Though the mural giris in midale ses group observed to have relatively better heights and weights comparea to 100 mind die ses group statistically the difference was not significant* In quparision with.:- .

NCHS atandaxds naral glay in bokh the SES groups found to have aignificently shorter stature and less body waightiz. In lowmidale and middace. SES groups 49 pef cent and 64 per cont rural axis belonged ta the elasaification of normal hatght-NCis, while 68 par dent axile in midale SES and all the ginls In hempataile SES were categoriesed as having got subnornal growth based on their pertontages of
standarea wetght and on the basts of their parcentages of standiord velght/height' all the pural ghele bolongnto subnonnal growth categony inverpeotive of thatr sis this might be due to thots hebitual poow dietary pattem la the agemgroup of 7 to is years whioh subseigsantiy. mifigt have dopmived them of the "Secoma opportunity" Which nature otisers to the chlderen to overcome dettiefts in growth auifing puborty and adolescence whin addtional ingute over and atown therf habitual dietary poteorns.

Gendral Meal Pattem of Ruraz Gintis.
It vas yeemeded thint in both the $\operatorname{sEs}$ groups
 i.es afternoon ond night tesldes only a oup of tea which was inmariably taken morntag houme. Matontik of the giria In Ituch had $2-3$ chapaties, 1-2 katoztes wice; haif to one teagpoon of thecha/ chutney were genexaliy tateno. In dimes; $1-2$ jowar wots aiong tith one seaspon thacho/pickle/

 consumed. It vas also noted thet all the selacted Fural gling vepe skrictiy vegatartuns heme consumed some of the teme undep all lood groxpe execpt weat and meat prounctis. xtalao noted that majowity of tha selected gixla ware not proviaed when balanced
and suffictont andint or tood. Wone of the girls in in middle SES Idworicdico SES and only 12 pa cent efris found to be wellmourished, When classilifigd inko wartous groups of malnutidtion based on thejre porcentage of standas welght (XCHS) as per the olassifictatony sonie ot comez (9987).

Wheith problems and Cawe Taten of Buraz Girise
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 healitu probicins among seilected rural givis* Najonity of the rumat fantiles in both the SES groaps made uge of cuatomary housohola remadies and tacizithes of primany health centres low tratinis atimants of thoiz dayghters and also provited enoligh eare to thiem

Analydes of Activity and TMo-Spieniang Pattexns not Bural dimis.

The tindings of the otudy revenied that activity and the-spanding patams of mural girla ware sintilat tid both the ges eroupa fho ruval gitis necortea to we exgaged in ometito work ( 4090 to 4.93 houra) school work ( 4.60 to 4\% hourg) play and meareation

 besides noutine activitiles personal eave ( 1.05 to 1.06 houms) sicer and rest ( B. 10 te B. 15 homis).

As majority of the salected waral giris balonged Se the nuclear type family they were lorced to assiot thetir parents in Comestic wort, alblingcare and befing belonged to smell and bactinat tarmers they vere also Lnvoived in "Beasonaz fam work, antmal carie and collection of tucl and covedung: Socsomeconciolo stotus of the selected rimel girla had no Intluence on the activitisy and tingospending patterns of rural gislis. On the other hand sohool enrolyment of rurei ginis had signiticiant inpact on the same when compared the activity and tima-spending pattorns of sehoo-going ginle with that of non-school-going girls.

Investmente and Effores made by Rurai Parents in Educating thetr Daughtere and Rural Parents Towarde Thefy Daughers.

The findinga of the study reveal that thare was no diference in the sehool anrollment of the gixls belonging to the age-groups 7-9 yoars and 10-12 years in both the SES groups while in the age grotup 13-45 years higniticomtiy more number of girls in midale SES group were enrolled in sehoole at compared to their conterparta in Zowmididie sES group: Sienditicontly ( $P<0,01$ ) more number of midie SES group parente made more Livestmente and efforts in educating their daughtors as ocmpared to the parents in foumidale SES group.

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The midit reasons reported by parants ior aducating thets danghtere were thay become amater and monage


their doughters in sehool were no value for eduation. waste of the and money as the to not acqutire skil2s ot patioticol mportanoe and reaponsiblitity of baby sittinge

Irrespective of the Sochomecononte Stiatus, all the ruraz parente Lound to have negetive ettitudes tovarie thefy daughters ad they are required to pay goad amount of dumit at thatine of daughters mariager despite spanaing a tot in buingide theat up and above 65 per cent stated that they do not have posictive attitule torands daughters because daughters oustomarily do not shoulder the raspongibility of parent home However. 33 to 44 per cent parents in both the ses had positive gtwitudas towards Aaughters as they are eagy to bring upe reciprocats vell Love and affection and get fame to them by berving to other homes (husbana ani inilaws)

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| $66 \%$ | 135 | 27.0 | gra | \％ 4 | 5\％ |
| 676 | cter | 21.0 | 92 | 146 | 32.0 |


| 5xate | $\begin{aligned} & \text { Heseght } \\ & (\mathrm{Ca}, \mathrm{~g}) \end{aligned}$ | $\begin{gathered} \text { usten } \\ \left(x_{g}\right) \end{gathered}$ | Sirenay | Fatate （6） | $\begin{gathered} \text { Getght } \\ \text { (Kg) } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 93． | 146 | 520 | 17． | 12 | 20.0 |
| 94 | 447 | 3.5 | 10. | 19 | 49．0 |
| 953 | ＋46 | 400 | 1980 | 131 | 23．0 |
| 96. | 145 | 42.0 | 20 | 149 | 18.0 |
| $97 \%$ | 162 | 40 | 24． | 149 | 12.5 |
| 58. | 155 | 43.0 | 20 | T18 | 47.0 |
| 89. | 75 | 40.0 | 23x ${ }^{\text {a }}$ | 145＇． | ＋7\％ |
| 100． | 153 | 40.0 | 24. | 47\％ | \＄6．0 |
| $104$ | 210 |  | $2{ }^{2}$ | 考4 | \％7．0 |
|  |  |  | 26. | 120 | 80．0 |
| 1. | 16 | 15．0 | 37. | 176 | 28.5 |
| 2 | 718 | 160 | 磳 | TE | 46.5 |
| \％ | 116 | 特等 | 29. | Tor | 48.0 |
| 4. | 107 | 16.0 | 30 | 126 | e7．0 |
| 5 | 4T4 | ＋75 | 54 | 122 | 䢒． 0 |
| 6. | 1＊ | 46．5 | 32． | 129. | 30.0 |
| 7 | 18 | 1855 | $33:$ | $1{ }^{\text {co }}$ | 23.0 |
| 3． | 116 | 46．5 | 3t | F25 | 29.0 |
| 9． | T0s | W．0 | 3家亩 | 182 | 77.0 |
| 10. | \＄07 | ＋3．0 | 36． | 136 | 28， |
| 174 | ＋23 | 25．0 | 翑： | 45 | 23．5 |
| 12． | 126 | 25.5 | 30 | 423 | 23.0 |
| 4350 | $4{ }^{4} 5$ | 20.5 | 39. | 139 | \％ 0 |
| 動： | 40 | 16.0 | 40\％ | 139 | 28.0 |
| 15．${ }^{\text {c }}$ | 130 | 48.0 | $4 \%$ | 129 | 3） 0 |
| 16 | tor | 18.4 | 420． | 140 | 30.0 |


| Srano | $\begin{aligned} & \text { Heggate } \\ & (\text { Cno }) \end{aligned}$ | $\begin{gathered} \text { Ughtight } \\ \left(\mathrm{m}_{\mathrm{g}} \mathrm{~g}\right) \end{gathered}$ | SWNOC |  （cia） | $\begin{gathered} \text { weght } \\ \text { (ter } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 43， | 120 | 26.0 | 68． | 44 | 26.0 |
| 44 | 38 | 27.8 | 69． | 137 | 25．0 |
| $4{ }^{4}$ | －38 | 306 | $70^{\text {e }}$ | 136 | 27.0 |
| 46 | 12\％ | 23.8 | 76 | N40 | 25.0 |
| ＊ | 120 | 24．5 | \％ | 122 | 39.0 |
| 46\％ | 137 | 29.0 | 73 | 148 | 38.6 |
| 为 | 135 | 25－0 | 等年 | 155． | 49.0 |
| 508 | 137 | 22.0 | 7\％ | \＄4 | 26.0 |
| 50． | 140 | 30， | 76． | 338 | 28．0 |
| 52\％ | 140 | 3\％0． | 77. | 43 | 2E5 |
| 5s\％ | 38 | 200000000 | 78\％ | 14＊ | 3t．0． |
| 54． | 126 | 23.0 | $79 \%$ | 493 | 420． |
| 53\％ | ＋36 | 240 | 60\％ | 33 | 44.0 |
| 56． | 487 | 2tis | 8te | 155 | 37.0 |
| 策里 | 126 | 40 | 解， | $75 \%$ | 40.0 |
| 48． | 148 | 38.0 | 63 | 163 | 39.0 |
| 59. | 13\％ | 23．0 | 84． | 4，${ }^{4}$ | 40.0 |
| cos． | 139 | 23．0 | 6\％ | 748 | 40.0 |
| 6t． | 141 | 30.0 | 86. | 448 | 36\％．0 |
| 62． | 人39 | 49.0 | 87\％ | 12\％ | 40.0 |
| 6 | 13030 | 25.0 | 03\％ | 159 | 45．0． |
| 64． | 14t | 2－me | 69\％ | 754 | 42．0 |
| $6 \%$ \％ | 140 | 28.0 | 90． | 143 | 35.0 |
| 66. | 38 | 26．5 | 醏 | 75 | 38.0 |
| $6{ }^{6}$ | \＄40 | 29.0 | 985 | 149 | 38.0 |


|  | $\cdots$ | 113 |
| :---: | :---: | :---: |
| Strellos | $\begin{aligned} & \text { Helght } \\ & \hline(\mathrm{Cm}) \end{aligned}$ | *anght (解) |
| 93. | 350 | 44. 9 |
| 94 | 158 | 39*2 |
| 95. | 157 | 4ts |
| 66. | \$56 | 410 |
| 976 | 28: | 43.0 |
| 98\% | 159 | 4 c |
| 99\%. | 726 | $40 \cdot 0$ |
| 109\% | 4,48 | 40.0 |

## andextas IV

Parcentages of Standand height, Woisht and veight/ hofeht of Rural Givis.

| Sr. $\mathrm{NO}_{3}$ | Stight /Age. | Meithth/age | Welightheight |
| :---: | :---: | :---: | :---: |
| 1 | 68.78 | 88.64 | 82.50 |
| 2 | $72{ }^{7}$ | 87,60 | 8300 |
| 3 | 81889 | 88.42 | 92.52 |
| 4 | 66.18 | 84.29 | 80.88 |
| 5 | 84.09 | 90,90 | 92.50 |
| 6. | 75.00 | 90.08 | 85.25 |
| 7 | 79.54 | 90.90 | 87.49 |
| 8 | 79.54 | $88: 42$ | 89.95 |
| 9 | 79.54 | 20.90 | 87.49 |
| 10 | 72.00 | 85.05 | 84.66 |
| 11. | 80,00 | 96\%85 | 82,60 |
| 12 | 68.00 | 85.82 | 79.22 |
| 13 | 78.00 | 97.63 | $79 \times 88$ |
| 備 | 72.00 | 89.76 | 80.21 |
| 19 | 76.00 | 88.48 | 88.44 |
| 16 | 80.00 | 100,00 | 79.99. |
| 77 | 78.00 | 96.06 | 88.19 |
| 18 |  | 85.00 | 84.66 |
| 19 | 7800 | 98.42 | 79.24 |
| 20 | 70.00 | 92.91 | 75.35 |
| 21 | 74.00 | 86.64 | 85.43 |
| 22 | 72.60 | 84.25 | 35.45 |


| SmiNo. | Heignt/Age | Helght/ $\mathrm{Ag}_{\text {g }}$ | Meight/Helght |
| :---: | :---: | :---: | :---: |
| 23 | 80,00 | 97tas | B4,93 |
| 24 | 82\%00 | 90\% ${ }^{\text {\% }}$ | 900.53 |
| 25 | 60.7 | 89.33 | - 6785 |
| 26 | 76.4 | 19939 | 85\%81 |
| 27 | 73,48 | $96 \% 24$ | 76,92 |
| 28 | 6498 | 09\%39 | 706 |
| 29 | 66.077 | 90;90 | 7264 |
| 30 | 6423 | 9486 | $67 \mathrm{8c}$ |
| 31 | 75900 | 96424 | 77 cm |
| 3t | 72 co | 96 det | 7\%e 6 |
| 33 | 70900 | 90.75 | 69826 |
| 34 | 64920 | 90,90 | 70.63 |
| 35 | 70.00 | 69, 39 | 69, ${ }^{5}$ |
| 36 | $75 \% 75$ | 88.40 | 8596 |
| 37 | 78.78 | d4\% | 93.68 |
| 3 | 77.27 | 9462 | 81396 |
| 39 | 69.69 | 88,40 | 78,80 |
| 40 | $72 \% 72$ | 90858 | 60925 |
| 4 | 69.69 | zEific | 76.94 |
| $\cdots{ }^{\circ}$ | 66.66 | 68040 | 73.37 |
| 43 | 75.75 | 90.57 | 85\%60 |
| 积 | 77427 | 97\%82 | 70.95 |
| $4{ }^{5}$ | 69\%66 | 92,02 | 5.76 |
| 46 | 69.9 | 99\%89 | 76.4 |
| 47 | 75.75 | 9895 | 76.88 |


| Schlice | . Weaghtfage | Hatght/Ag | Helght/Letght |
| :---: | :---: | :---: | :---: |
| 40 | 6918 | 8916 | 76846. |
| 49 | 58.10 | 84002 | 69.17 |
| 50 | 54408. | 日f94. | 65,93 |
| 3t | 52.79 | 81025 | 64.8\% |
| 52 | $58 \% 40$ | 84\%94 | 70.87 |
| 53 | 56.75. | 8263 | 689\% |
| 54. | 56.76 | 6487\% | 68.64 |
| 55 | 34.05 | 8183 | 66\%9\% |
| 56 | 52070 | 86.80 | 68949 |
| 57 | 55.40 | 84,9\% | 67,07 |
| 58 | 566 | 84\%38 | 67.01 |
| 59 | 55440 | 82093 | 62.65 |
| 60 | 50909 | 79.30 | 60.16 |
| 63 | 476.61 | 789\%. | 68.90 |
| 62 | 54.76 | 86.84 | 689 |
| 65 | 54.76 | 86\%84. | 61.53 |
| 64 | 35.7. | 66, 64. | 57\%96 |
| 5 | 52\%36 | 86\%e4. | 73:28 |
| 66 | $64 \% 28$. | 8\%650 | 39,69 |
| 67 | 50.00. | e3s ${ }^{5}$ | 6269 |
| 68 | 54,76. | 86.84 | 64.56 |
| 69 | 52.30. | 80.92 | 60.68 |
| 70. | 52.33: | 86.10 | 84, 67 |
| 74. | 79.34 | 93,63 | 81.43 |
| 72 | 69.56 | 85, 35 | 83.61 |
| 73 | 78.26 | 93.45 | 89.36 |


| St. $\mathrm{NO}_{6}$ | Uefght/Age | Hetightfage | Weight/riglght |
| :---: | :---: | :---: | :---: |
| 74 | 82. 26 | 92.35 | 85.25 |
| 73 | 78.26 | 94.35 | 84,04 |
| 76 | 76.08 | 9167 | 88.75 |
| 7 | 82.60 | 91.08 | 89.06 |
| 78 | 76.08 | 92.99 | 75.38 |
| 79 | 86.95 | 85.33 | 66.60 |
| 80 | 54.434 | 94.08 | 67.40 |
| 86 | 55.43 | 84,52 | 90.26 |
| 82 | 78.26 | 86.62 | 89.75 |
| 83 | 76.08 | 84.7 | 87.04 |
| 84 | 00.43 | 92.35 | 8790\% |
| 85 | 80.43 | 93:63 | 66.98 |
| 86 | 65.29 | 92.35 | 70.55 |
| 87 | 78.26 | 92.99 | 84.08 |
| 88 | 7\%7\% | 92.35 | 83.48 |
| 89 | 82.60 | 99. 17 | 92.55 |
| 90 | 60,00 | 90.62 | 66.20 |
| 94 | 65.00 | 92.50 | 70.27 |
| 92 | 64.00 | 97.87 | 69.65 |
| 93 | 64,00 | 97.25 | 70.13 |
| 94 | 67,00 | 91.87 | 72.92 |
| 95 | 74.07 | 90.12 | B6.30 |
| 96 | 77.77 | 90.12 | 86.30 |
| 97 | 88.88 | 100.00 | 88.88: |
| 98 | 79.62 | 95.67 | 83,22 |
| 99 | 74,07 | 94.44. | 78.43 |
| 100 | 74.e\% | 95.6\% | 77.47 |

Wiadue ges

| Srata | Welght／ago | Metght／Age | velight／Helght |
| :---: | :---: | :---: | :---: |
| 104 | 71.42 | 9596 | 747 |
| 102 | 76.19 | 97.52 | 74.57 |
| 103 | 83， 3 | 95.86 | 82.97 |
| 104 | 76.49 | 88， 4 | 828 |
| 105 | 83.3 | 9467\％ | 86\％7 |
| 106 | 8890 | 90.90 | 92＊49 |
| 107 | $88 \% 69$ | 97652． | 86422 |
| 108 | 76 | 95.86 | 76.28 |
| 109 | 74.4 | $89 \% 3$ | 76.38 |
| 110 | 7642 | 48942 | 7710 |
| 44 | \＄00．00 | 100：00 | 99.99 |
| 12 | 102\％00 | 9924 | 102．80 |
| $1{ }^{13}$ | 8260 | 90\％5 | 90.55 |
| 14 | 7200 | 8500 | 84\％66 |
| 115 | 4600 | 86．54 |  |
| 116 | 74.60 | 64.25 | 8768 |
| 117 | 80,00 | 88.18 | 90，7\％ |
| 118 | 76600 | 0sper | 68559 |
| 119 | 9200 | 703940 | 89.19 |
| 120 | 6需家 | 90．15 | 74\％＊ |
| 42 | 0685 | 90.15 | 73.22 |
| 122 | 60.74 | 90815 | 6\％．${ }^{68}$ |
| 123 | 62.50 | 05．60 | 72.94 |
| 124 | 57．14 | $88 \% 63$ | 6494 |
| － | 或 ${ }^{-3}$ |  |  |

$\cdots \quad 119$

| SreNo． | Weight／Age | Height／Age | Weight／Height |
| :---: | :---: | :---: | :---: |
| 125 | $60 ; 74$ | $\therefore 109 \% 99$ | 55.60 |
| 126 | $\therefore 7942$ | 90：90 | $78 ; 49$ |
| 327 | ． $1021+78$ | 87.12 | 176.72 |
| 128 | 5399 | 84.84 | 69\％38 |
| 489 | 64.28 | 89\％06 | 7923 |
| 730 | ： 96.42 | 95\％45 | －100992 |
| 431 | 10000 | 92， 42 | 103.09 |
| 132 | 70764 | 97.72 | 90953 |
| 433 | BAE14 | $98 \%$ | 83833 |
| 434 | 108957 | 9469 | 109．27 |
| 135 | 60.71 | 84684 | 7749 |
| 336 | 86.36 | 100，00 | 86.32 |
| 137 | 767 | 8409 | 84.68 |
| 136 | 6969 | 89.73 | 76：68 |
| 839 | 8488 | 100972 | $95 \% 15$ |
| \％ 40 | 84884 | 100672 | 68，04 |
| 44 | 63.63 | 9384 | 89\％57 |
| 442 | 90．90 | ．19，先年年 | ． 69.86 |
| 443 | －60960 | 8695 | 85429 |
| 等者 | ．83．33 | 100.00 | ．92\％38 |
| ． 45 | ． 92.42 | 100000 | 78.58 |
| 146 | 7121 | .90 .57 | 7469 |
| 147 | 658 | 8699 | 8253 |
| －148 | 76.37 | 90\％\％3 | 82.32 |
| －49 | 167．56 | 93．15 | 7\％\％00 |
| － 150 | 59.45 | 95.43 | 90．30 |

$\therefore \quad 120$

| cipentio | Welght/Age | Melght/Age | Heatght/Hetght |
| :---: | :---: | :---: | :---: |
| 754 | B7ces | 9742 | 90.30 |
| 49 | .33778 | 97 ¢ ${ }^{\text {g }}$ | 86. 93 |
| 45 | 6785 | 95883 | 70.47 |
| 154 | 62.16 | 98\%88 | 69.39 |
| 355 | 57044 | 89.477 | 68970 |
| 156 | 58.33 | 90673 | -64.5 |
| 137 | 29832 | 52 s | 746\% |
| \%38 | 6685 | 97\% 36 | 65029 |
| 139 | 6660 | 86, ${ }^{64}$ | 76\%5\% |
| 160 | 5985 | 90.444 | 649920 |
| 164 |  | 92.76 | $76 \% 80$ |
| 168 |  | 91.4* | 75.39 |
| 163 | 59,52 | 23\%15 | 6763 |
| 164 | 6547 | 92\%6 | 70.40 |
| 165 | 6666 | 92.40 | 72 ta |
| 166 | 63.69 | 55.69 | 74.98 |
| 167 | criti | 92\% | 746\% |
| 163 | 66\% 6 | 94.73 | $70 \times 49$ |
| 169 | 3982 | $90 \%$ \% | 65.87 |
| 770 |  | 89. 47 | 7186 |
| 774 | 54934 | 89, ${ }^{17}$ | 60.89 |
| 172 | ztipr | 96.84 | \%7649 |
| 77 | 143868 | 94, ${ }^{\text {g }}$ (6) | 98\%\% |
| V番 | 97\%8e | geite | 98.99 |
| 475 | 56.52 | 87.20 | $64 \times 79$ |
| 176 | 60.86 | 67689 | 69.78 |


| $\mathrm{Sn}_{5} \mathrm{NO}$ | Wesaht/Age | Height/age | Weight/7elght |
| :---: | :---: | :---: | :---: |
| 17 | 57\%60 | 6\%89 | " 65.48 |
| 478 | 6 mec | 88.12 | -70.35 |
| 179 | 34,00 | 9646 | 8680 |
| 180 | 8400 | 69\%12 | 98.64 |
| 184 | 74.00 | 9687 | 76.38 |
| 182 | 80,00 | 95860 | $8{ }^{8}$ |
| ns3 | 79.00 | 101087 | 76.56 |
| 164 | 80,00 | 94*37 | -4,76 |
| 18 | cono | 22.50 | 86.48 |
| $\sim \times$ | $\because$ | -: |  |
| 186 | 76600 | 9250 | 82,16 |
| 167. | 60.00. | 99.37 | 84.24 |
| 188 | 90.00 | 96.425 | 90,56 |
| 189 | 84900 | 85 | 87.27 |
| 190 | 6464 | 88.27 | 13.48 |
| 194 | 70.37 | 93\%20 | 75,49 |
| 192 | \%tiof | 98699 | 76.51 |
| 493 | 78.44 | 93.42 | 77.96 |
| 10\% | 7685 | 96.97 | 79.29 |
| 195 | 75.92 | 96; ${ }^{\text {P }}$ | 7808 |
| 196 | 79868 | 9743 | 84,64 |
| 197 | 75.92 | 98.44 | 7735 |
| 188 | 76.07 | 96.29 | 79899 |
| 199 | 74.67 | 91.35 | 63600 |
| 200 | 70.37 | 94.97 | 75.49 |

## AKREXUE Y

Tixemspandtyg pattern of both ExS groupa
Lomendade SEs \％es midale SEs

Ackurntics
Age group ond perrentages of megai the

| 749 | $10-12$ |
| :--- | :--- |
| （yeara） | （yeang） |


| Fersenal needis caze | 434 | －3422 | $-2.28$ |
| :---: | :---: | :---: | :---: |
| Domestuce mork | －2．4tis | －6．10 | 1376 |
| stowing esxe | －15．78 | 17＊76 | 5.54 |
| Schood worts | $-4+14$ | －44 4 | －0．73 |
| Farm work | 0.83 | 3695 | 2 Em |
| Andmal care | $3 \times 32$ | －296 | －244t |
| Collionting Puolf cowitn | －5：40 | 11009 | ＋i90 |
| Pay／fecreation | 499 | 2887 | －0097 |
| Stasp／Rast | －0，80 | 0．4年 | －6．74 |

Correlation between reported and recorded (Investigator) ting-spending pattern of rural givis.

| Lowmmiadue SEs group |  |  |
| :---: | :---: | :---: |
| Activities | cal. ${ }^{\text {cos }}$ | Calst |
| 1) Domestic aetivities | 0.387 | 1.78 |
| 2) subling cere | 0.304 | 1.44 |
| 3) PLay/xecreation | 0.233 | 1.01 |
| 4) Personal care | 0.114 | 0.485 |
| 5) Rest and Eileep | 0.418 | 1.90 |
| 6) Collecting ruel/ cowdung | 0.201 | 0.58 |
| 7) Faral woris | 0.440 | 1.91 |
| 8) Sohool work | 0,096 | 0.96 |
| 9) Anduai work | 0.290 | 1.28 |

Hidete ses group

| Activities | Cal. ${ }^{\text {c }}$ | Cal ${ }^{\text {tet }}$ |
| :---: | :---: | :---: |
| 7) Domestic aotivitias | 0.243 | 1.27 |
| 2) Stbling care | .0.280 | 4.05 |
| 3) Phay/recreation | 0.407 | 1.86 |
| 4) Personal care | 0.079 | 0.33 |
| 5) Rest and slacp | 0.120 | 0.51. |
| 6) collacting tuel/ cowdung | 0.200 | 0 003 |
| 7) Farm wort | 0. 296 | \% 20 |
| a) Schooz work | 0.182 | 0.32 |
| 9) Antmal moxk | 0.37 | 1.40 |

34
ANHEXURE EIII
Caloulated percentages af agreement for reported (nural girla) and secorded (invastigatow) activity pattern of mural expla.


| 13-15 Yearg |  |  |
| :---: | :---: | :---: |
| 1) | 95\%23\% | 100\% |
| 2) | 100\% | 100\% |
| 3) | 88,60\% | 96.10\% |
| 4) | 94.73\% | 96\%29\% |
| $5)$ | 94.73\% | 100\% |
| 6) | 95.77 | $96.10 \%$ |
| 7) | 100\% | 100\% |
| 8) | 96\% | 94.20\% |


[^0]:    
    

[^1]:    

[^2]:    NB- Noh-Significants.
    $4 *-0.04$

[^3]:    NS $=$ Non- signıficant $\times$ Figures in parentheses indıcate number of girls performed those activityes

[^4]:    GIRLS

[^5]:    ＊＊Nili Non bchool going $\overline{\text { Figures in }}$ in parentheses indicate number of girls pertormed those activitye．

[^6]:    2. SCHOOLWORK AND STUDIES
    3. SLEEP/REST 3. DOMESTIC WORK 4. play/recreation 5. PERSONAL CARE 6. ANIMAL CARE 7. FARM WORK
    4. SIBLING CARE
    5. COLLECTING FUEL

    9NกC MOJ/7ヨņ 9N11037703•6

[^7]:    (tw

