TIME USE SURVEY IN SENEGAL AND SATELLITE HOUSEHOLD PRODUCTION ACCOUNT (CSPM)

Presentation of the 1ˢᵗ Experience of Senegal

PRESENTATION OUTLINE

- Context
- Objective and methodology of TUS
- Use of household time
- Valuation of unpaid household work
- Conclusion and perspectives

CONTEXT

❑Emerging Senegal Plan (PSE): Employability and promotion of productive, remunerative and sustainable jobs in the informal sector, particularly for young people and women

❑National Strategy for the Development of Statistics (SNDS) III: disaggregation and dissemination of indicators and statistical information according to gender, budget-time survey

WOMEN COUNT program

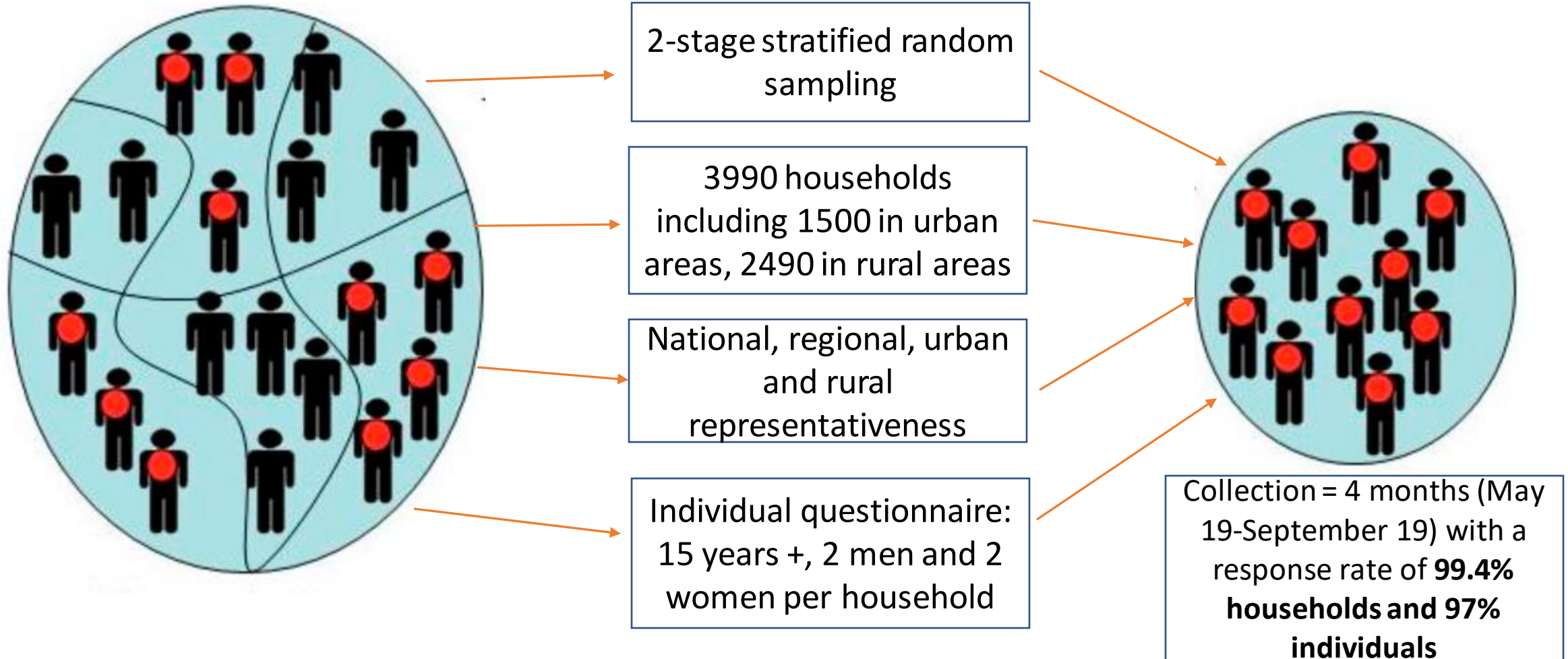Support the National Statistical System (SSN) in carrying out the Time Use Survey-TUS

First edition in Senegal in 2021

Survey objectives

Identify, classify and quantify the types of activities that Senegalese do on a daily basis

- provide a collection of information on the use of women's and men's time;

- assess the time allocated to unpaid and paid work for women and men;

- complete indicator 5.4.1 of the SDGs;

- measure the time devoted to the education of children, to leisure;

- valuing women's unpaid work and their contribution to the economy (expanded GDP).

Methodology of the investigation

2-stage stratified random sampling

3990 households including 1500 in urban areas, 2490 in rural areas

National, regional, urban and rural representativeness

Individual questionnaire: 15 years +, 2 men and 2 women per household

Collection = 4 months (May 19-September 19) with a response rate of **99.4% households and 97% individuals**

Survey methodology

Household questionnaire:

➢household identification;

➢socio-demographic characteristics of household members;

➢habitat characteristics;

➢household equipment and durable goods.

Individual Questionnaire:

➢information on the individual (health, employment);

➢Respondent Diary:

   o traces the activities carried out by the individual during the twenty-four (24) hours of a day randomly chosen by the collection application.

   o all activities are classified using the International Classification of Activities for Time Use Statistics (ICATUS) developed by the UN.

Survey methodology

Time use statistics provide an idea of:

- How do individuals in a given population spend their day or what activities do they perform depending on whether they are paid or unpaid?

- How much time do they spend doing these activities?

Respondent diary: all activities are classified using the International Classification of Activities for Time Use Statistics (ICATUS) developed by the UN

USE OF HOUSEHOLD TIME

Reminder of concepts (cf. ICATUS)

Productive activities according to the SNA :

- employment and other related activities (Division 1);

- production of goods for own final use (Division 2).
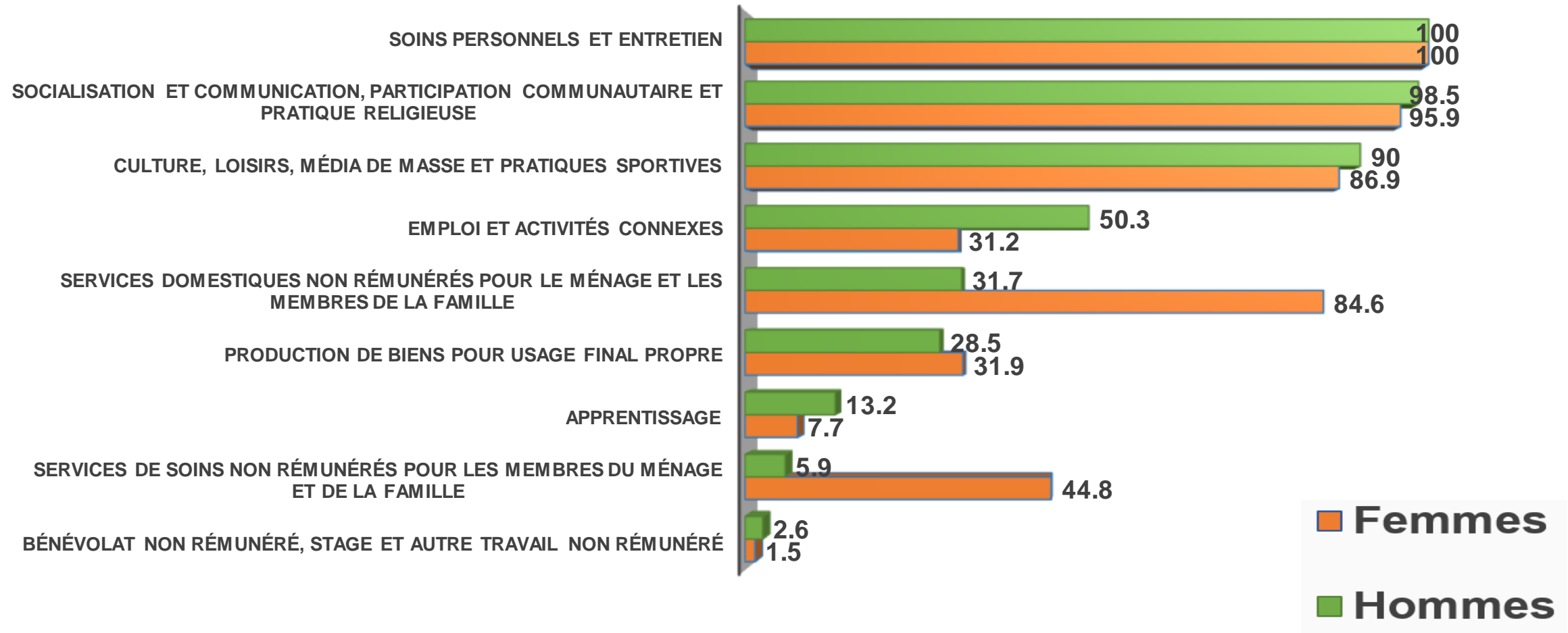
THE non-SNA productive activities :

- unpaid domestic services for household and family members (Division 3);

- unpaid care services for household and family members (Division 4);

- unpaid volunteering, internship and other unpaid work (Division 5).

Non-productive activities : learning (Division 6), socialization and communication (Division 7), culture and recreation (Division 8), personal care and maintenance (Division 9)
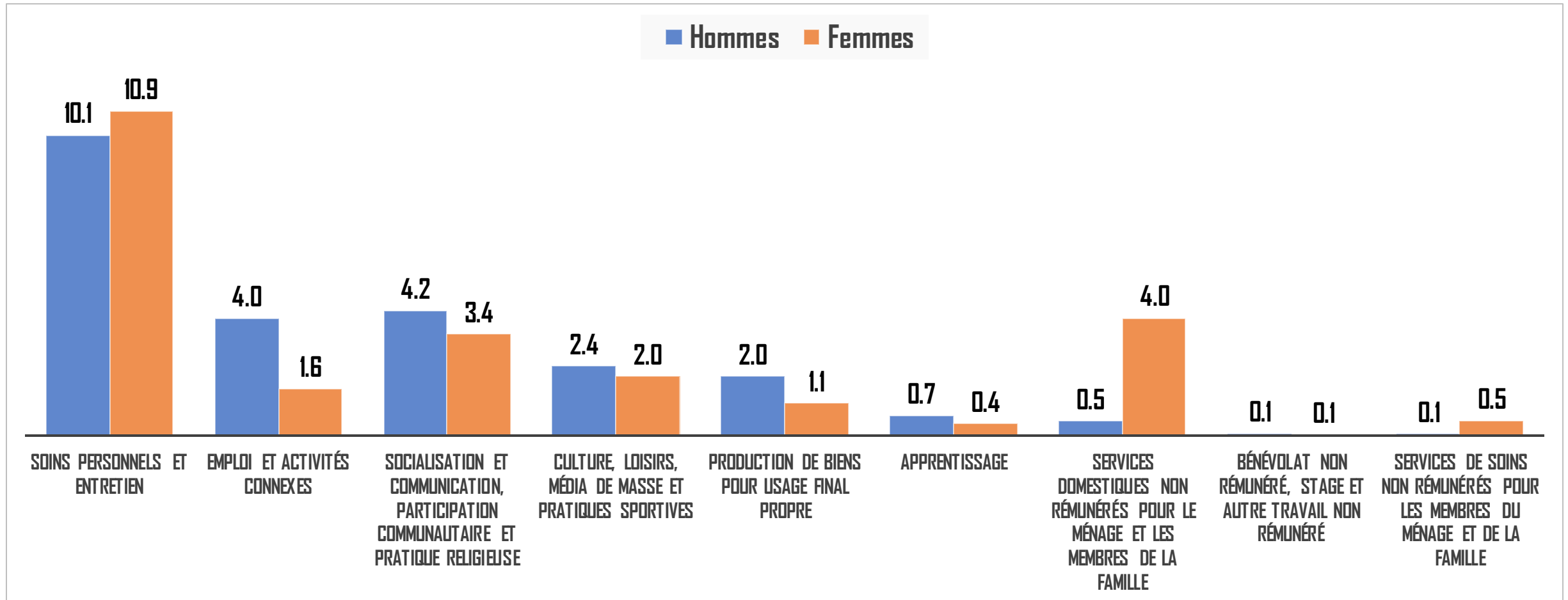
Main results: participation in activities

Figure 1: Participation in activities (in %)

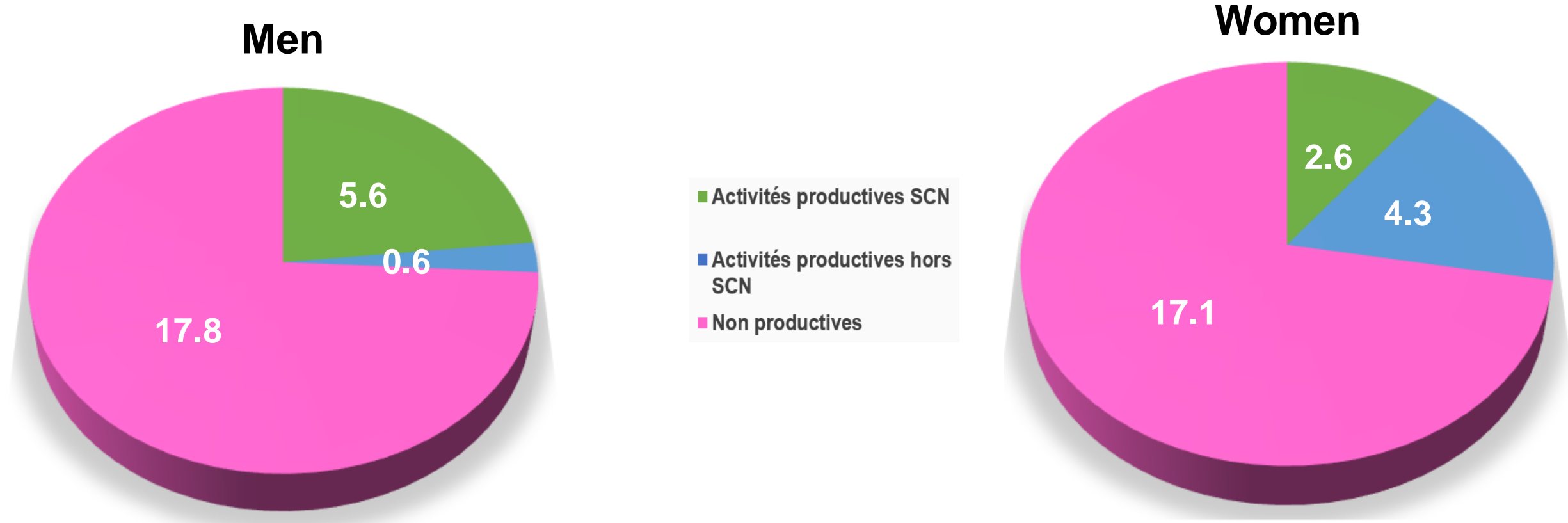| Activité	Hommes	Femmes
SOINS PERSONNELS ET ENTRETIEN	100	100
SOCIALISATION ET COMMUNICATION, PARTICIPATION COMMUNAUTAIRE ET PRATIQUE RELIGIEUSE	98.5	95.9
CULTURE, LOISIRS, MÉDIA DE MASSE ET PRATIQUES SPORTIVES	90	86.9
EMPLOI ET ACTIVITÉS CONNEXES	50.3	31.2
SERVICES DOMESTIQUES NON RÉMUNÉRÉS POUR LE MÉNAGE ET LES MEMBRES DE LA FAMILLE	31.7	84.6
PRODUCTION DE BIENS POUR USAGE FINAL PROPRE	28.5	31.9
APPRENTISSAGE	13.2	7.7
SERVICES DE SOINS NON RÉMUNÉRÉS POUR LES MEMBRES DU MÉNAGE ET DE LA FAMILLE	5.9	44.8
BÉNÉVOLAT NON RÉMUNÉRÉ, STAGE ET AUTRE TRAVAIL NON RÉMUNÉRÉ	2.6	1.5

Main results: average time (hours)

Figure 2: Senegalese day (in hours)

Key Findings: Average Productive Time

Figure 3: In terms of productivity, Senegalese spend...

Men

5.6
0.6
17.8

Women

2.6
4.3
17.1

Legend:
- Activités productives SCN
- Activités productives hors SCN
- Non productives

SCN productivity: Senegalese spend an average of 4.1 hours performing SNA productive activities
This time is 5.6 hours for men compared to 2.6 hours for women

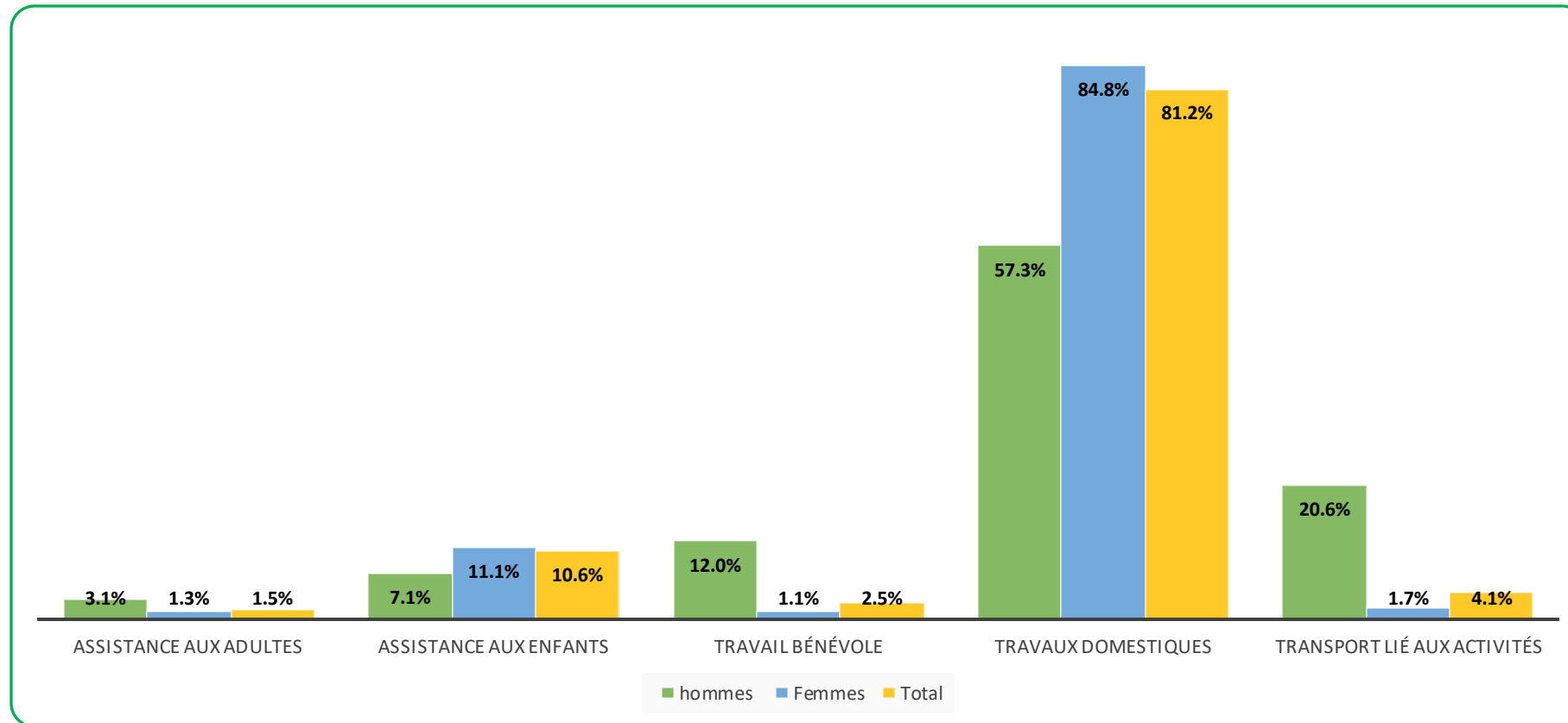# Main results: time distribution of productive activities

Figure 4 : Distribution of time for productive activities by gender (in %)

- 87.8% — HOMMES (Activités SCN)
- 12.2% — HOMMES (Activités hors SCN)
- 35.7% — FEMMES (Activités SCN)
- 64.3% — FEMMES (Activités hors SCN)
- 58.5% — TOTAL (Activités SCN)
- 41.5% — TOTAL (Activités hors SCN)

Legend: ■ Activités SCN ■ Activités hors SCN

Source : ANSD, ENETS 2021

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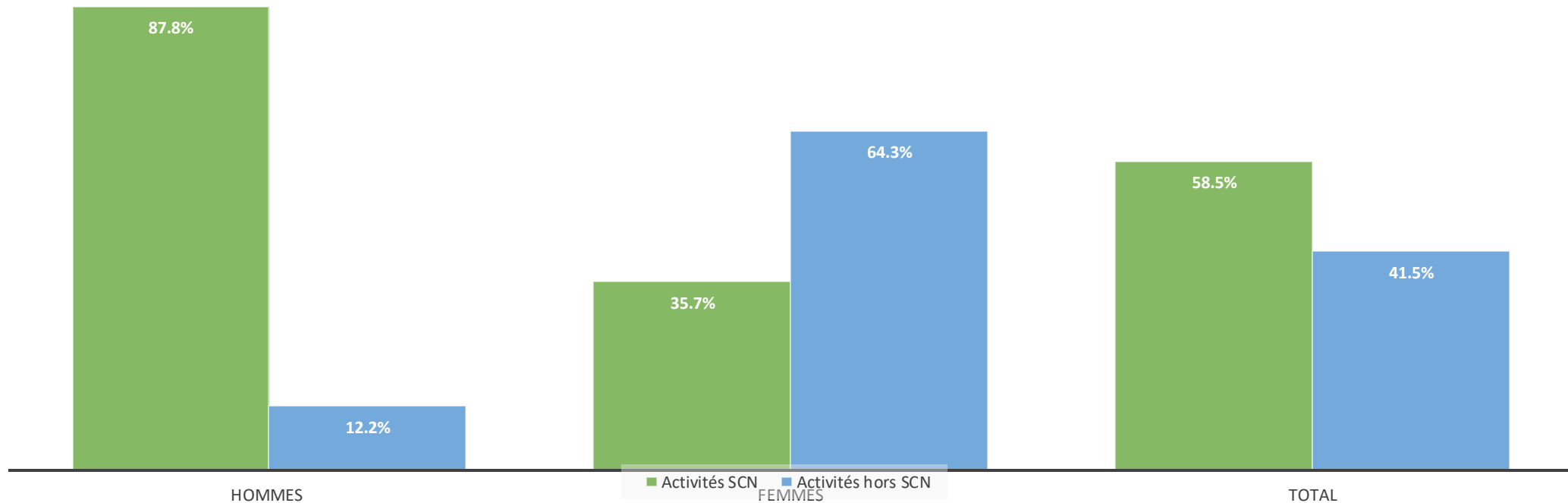
USE OF HOUSEHOLD TIME

- **Figure 5 :** Distribution of time for non-SNA productive activities by gender (%)

Chart showing:

- ASSISTANCE AUX ADULTES: hommes 3.1%, Femmes 1.3%, Total 1.5%
- ASSISTANCE AUX ENFANTS: hommes 7.1%, Femmes 11.1%, Total 10.6%
- TRAVAIL BÉNÉVOLE: hommes 12.0%, Femmes 1.1%, Total 2.5%
- TRAVAUX DOMESTIQUES: hommes 57.3%, Femmes 84.8%, Total 81.2%
- TRANSPORT LIÉ AUX ACTIVITÉS: hommes 20.6%, Femmes 1.7%, Total 4.1%

Legend: ■ hommes ■ Femmes ■ Total

Source : ANSD, ENETS 2021

VALUATION OF UNPAID HOUSEHOLD WORK

VALUATION OF UNPAID WORK OF HOUSEHOLDS

Use of the market cost approach

TUS provide information on the time that individuals devote to unpaid productive activities.

To calculated it's monetary value, information on the remuneration of individuals carrying out the same activities in a professional context is used.

From the National Survey on Employment in Senegal (ENES), the hourly wage of activities is calculated. This wage is applied to the hourly volume of work devoted to unpaid activities carried out by members of the household or offered as volunteers.
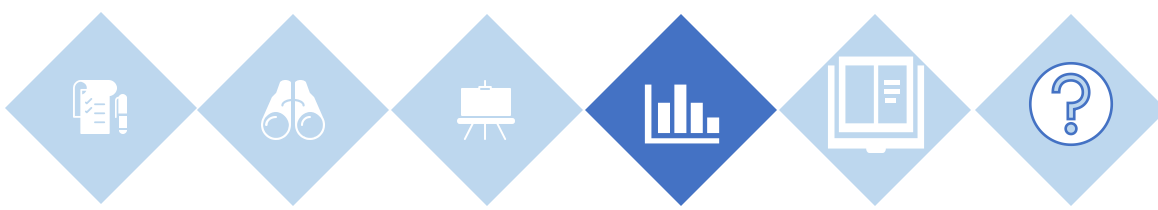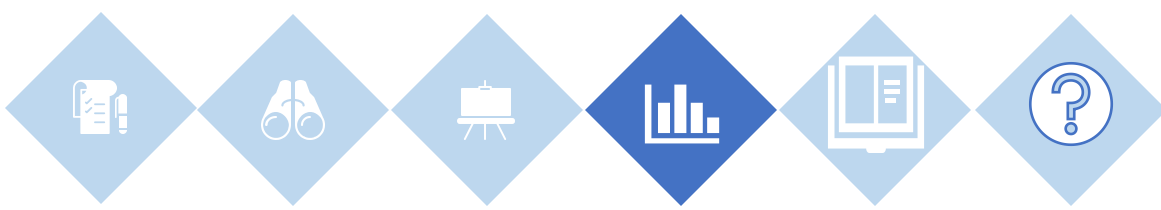
Value added of non-SNA productive activities

Table 1 : Value added of non-SNA productive activities

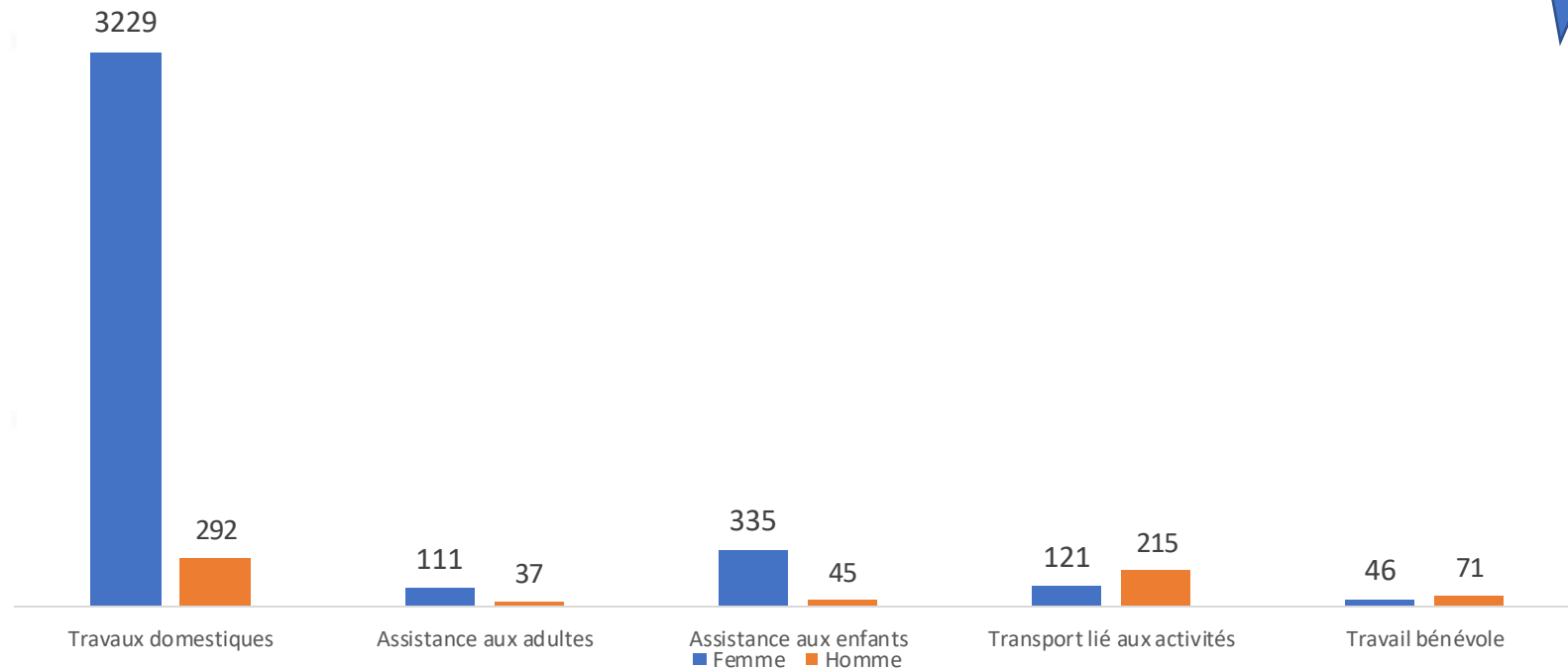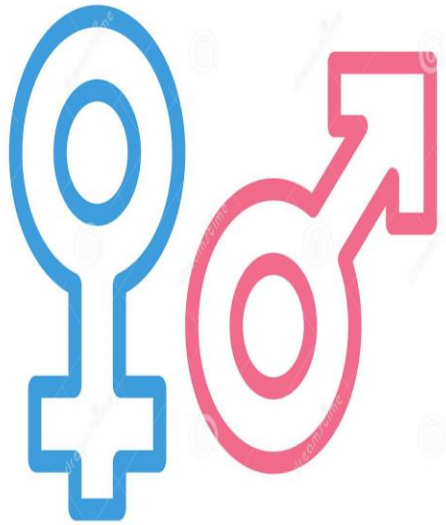| Non-SNA activities	Value (in millions of US$)	Percentage (%)
Domestic work	3,520	78.2
Adult assistance	149	3.3
Assistance for children	380	8.4
Transportation related to activities	335	7.4
Volunteer work	117	2.6
Total	**4,502**	**100**

Source : ANSD, CSPM 2021

Value added of non-SNA productive activities by gender

Figure 6: Value added of non-SNA productive activities by gender

(in millions of US$)

Contribution of women: 85.3%

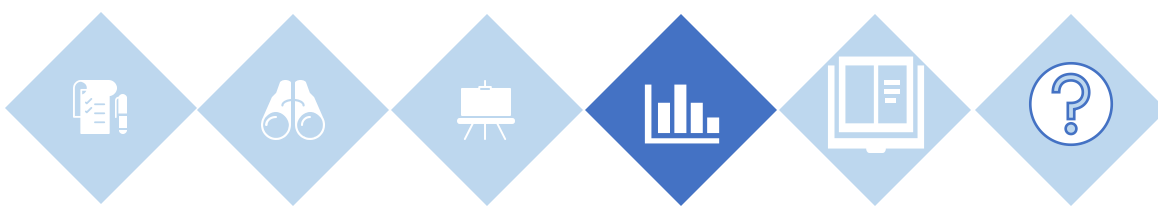|	Travaux domestiques	Assistance aux adultes	Assistance aux enfants	Transport lié aux activités	Travail bénévole
Femme	3229	111	335	121	46
Homme	292	37	45	215	71

Source : ANSD, CSPM 2021

Table 2 : Breakdown of household production and VA in (US$ million)

| Elements	SNA boundaries		Outside SNA boundaries	Total households
	Informal	Pure households		
Production	16,165	1,294	13,650	31 109
Market output	15,033			15,033
Non-market production	1,132	1,294	13,650	16,076
Intermediate consumption	5,200	4	9,148	14,352
GVA	**10,965**	**1,290**	**4,502**	**16,757**

Source : ANSD, CSPM 2021

In summary

Economic
VA: 16.3% of GDP

Social
Strong contribution of women (85.3%)
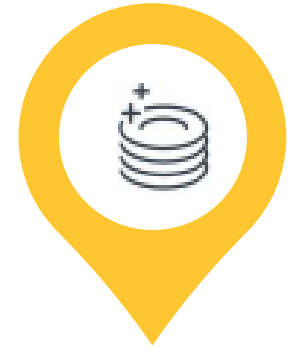
Organizational
Predominance of domestic work (78.2%)

Finally, the added value of productive activities not taken into account in the SNA is estimated at **4,502 million $ US or 16.3% of GDP.**

The wealth that women would have created by **carrying out these activities would represent 13.9% of the GDP** .

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CONCLUSION AND PERSPECTIVES

- Successful implementation of the 1st ^{experiment} of the TUS despite some difficulties:
  - Challenge of mastering the classification of activities (ICATUS) by supervisory staff and collection agents
  - Significant time required to complete activity log per individual
  - Memory effect problem if the day chosen randomly during the survey is 2 days prior to the time of collection;
  - Forgetting or minimizing secondary/concurrent activities.

- **Valorization of unpaid work:** element of advocacy for a better appreciation of the contribution of women to the well-being of society
- **Outlook:**
  - Carrying out in-depth thematic studies based on the TUS survey
  - Regular production of the TUS survey

THANK YOU FOR YOUR ATTENTION

COMMENTS AND QUESTIONS