



TIME MOTION STUDY ON GDA'S (NURSING & HOUSEKEEPING)
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UNDER THE GUIDENSE OF Dr. J.P. SINGH



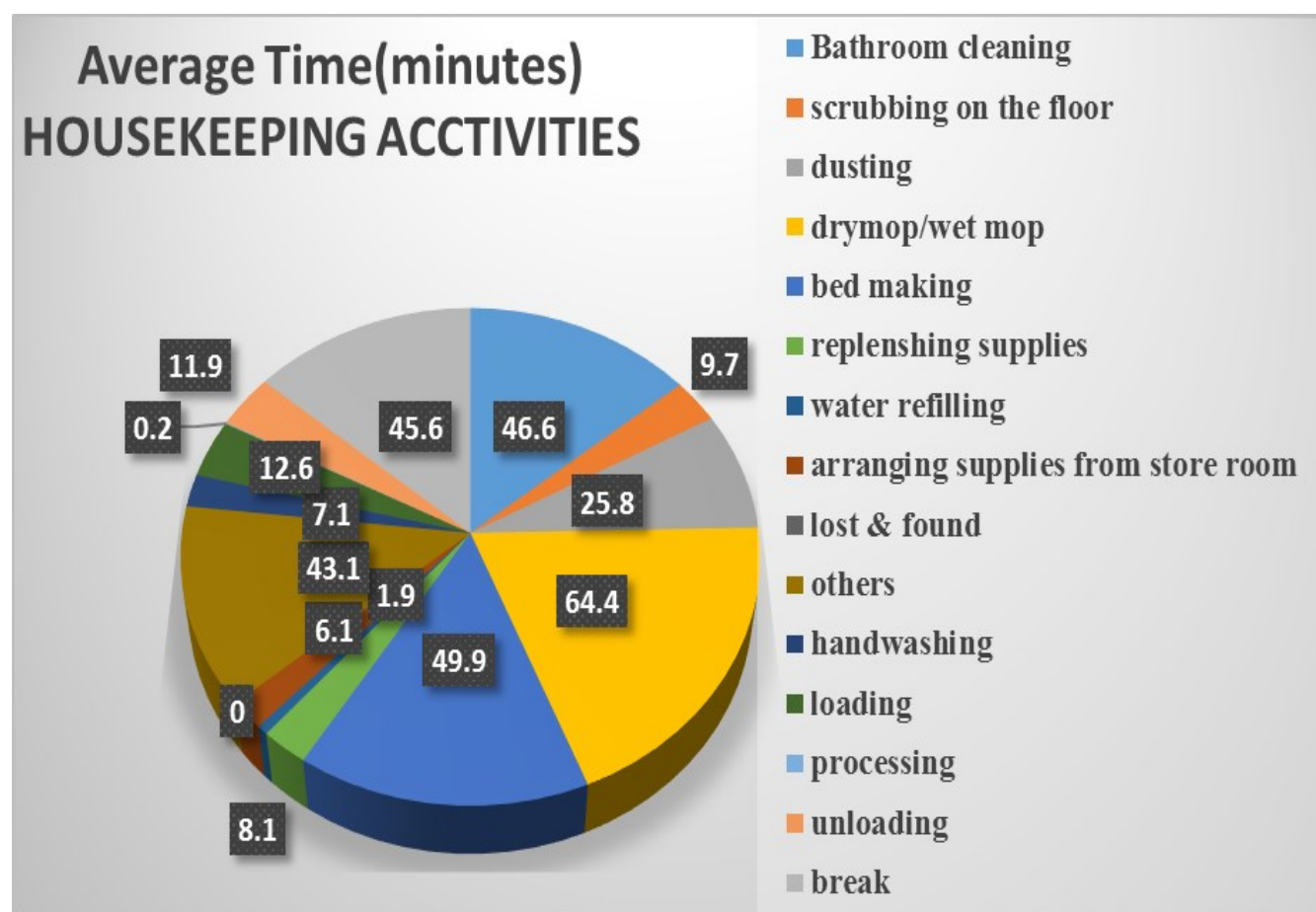
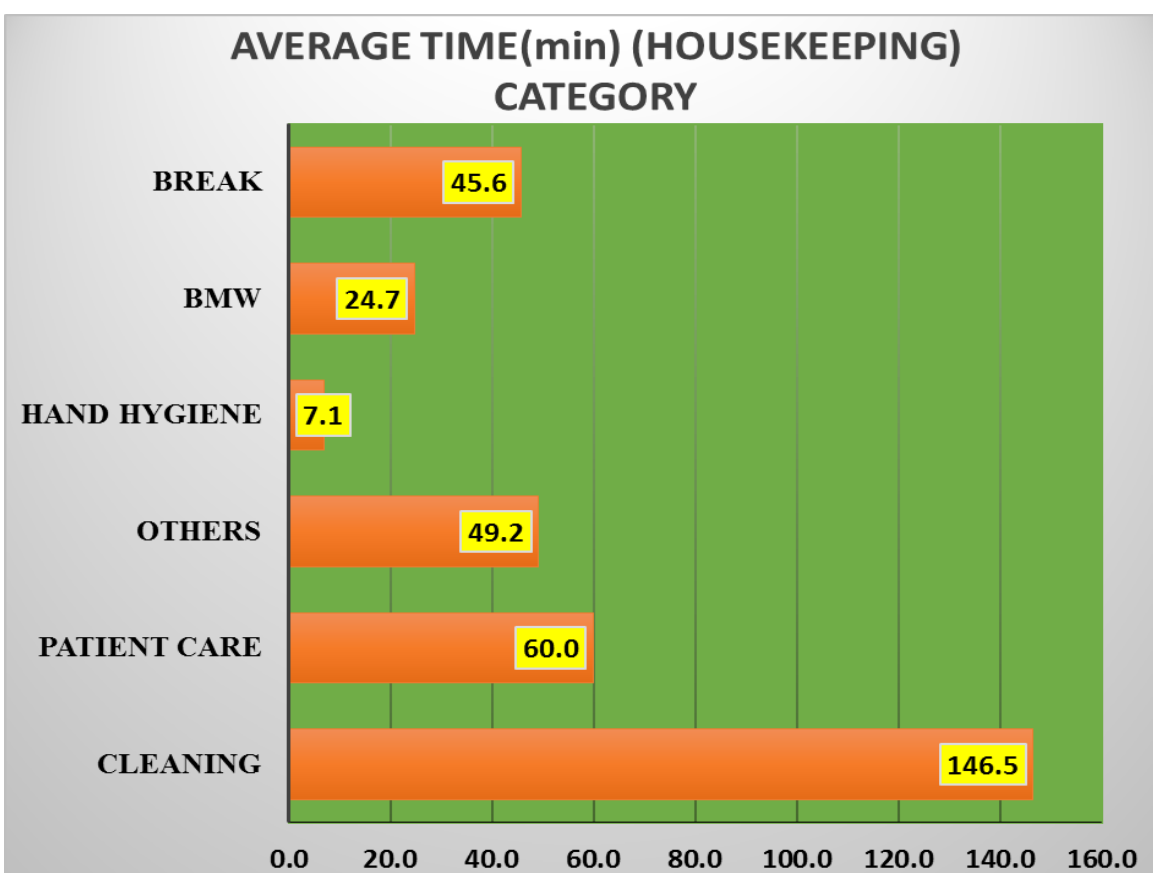
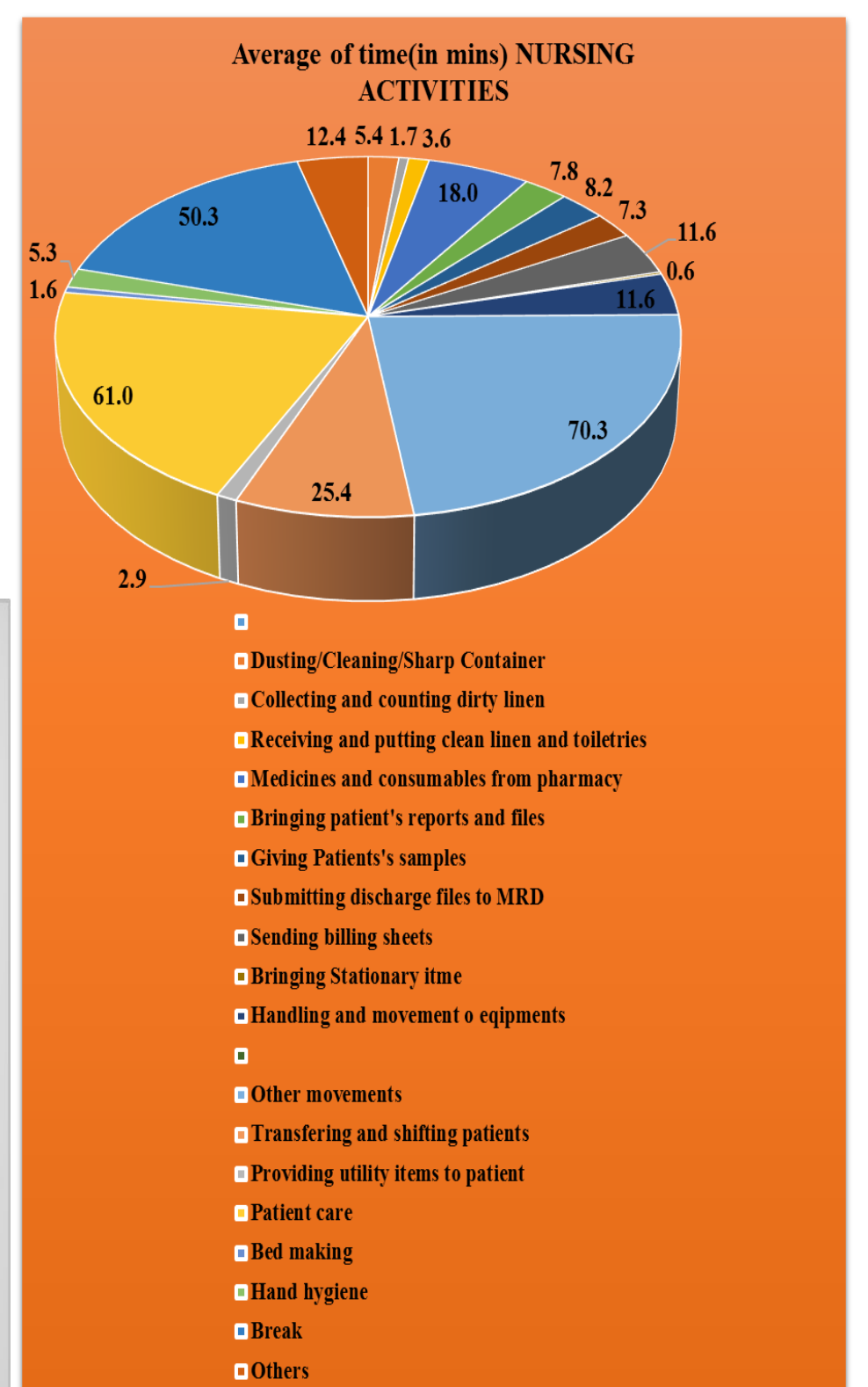
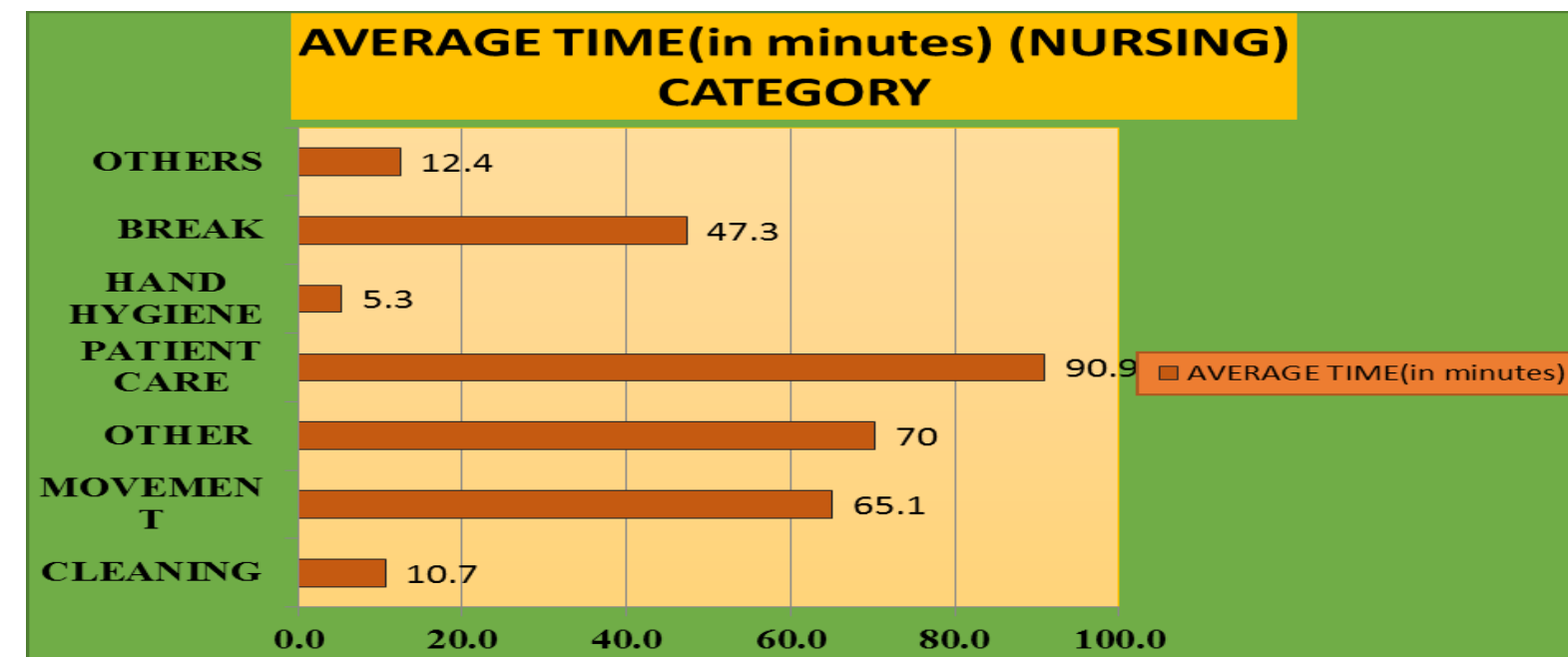
Time and motion study first described in the early 20th century in industrial engineering referring to a quantitative data collection method where an external observer captured detailed data on the duration and movements required to accomplish a specific task, coupled with an analysis focused on improving efficiency. Since then, they have been broadly adopted by biomedical researchers and have become a focus to attention due to the current interests in clinical /non clinical workflow related factors.



To find out the time taken by general duty attendant of nursing and house-keeping in their daily activities like patient care and cleaning.
To study the optimal utilization of nursing general duty attendants and housekeeping general attendants for value added and non-value added activities in morning shift.



Sample size for time and motion study – 30 GDA'S, Sampling type – convenient sampling.
Type of study – observational, Study period - 10 MAY 2017 to 23 MAY 2017.
Study hours – 159 hours.



If there is enough staff (GDA'S) per ward, balance between work and break was analysed.
If there was a good balance between work and break means that there is enough staff in the ward to cope with workload.
They can do other work of nursing (GDA) like photo copy, taken files etc. in their free time.
There is no proper defined delineated cleaning activities between nursing and housekeeping GDAs.



The nursing general duty attendant do other movements more so in that place They can hire housekeeping GDA for other movements, and save the time of nursing general duty attendant for patient care.
There should be other housekeeping GDA for discharge room cleaning.
Aware them about hand hygiene and recommend them how much it is important for them.
Increase in staff can lead to better efficiency.