The Burnout Level of Call Center Agents in Metro Manila, Philippines

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Abstract. The aim of this study was to measure the exhaustion, cynicism and professional efficacy that would determine an individual's level of burnout. A convenient sample of employees (N=747) was obtained from different call centers in Metro Manila. The results indicated a high level of exhaustion for the age group of 18-29 years old and for the female respondents. More than half of the respondents were high in cynicism and those who reported a low professional efficacy were mostly females. Age showed a significant relationship with exhaustion and cynicism while tenure at present job showed a significant relationship with professional efficacy. Results implied that working in a call center may lead to employee burnout especially for females and those who are new in their job.

Introduction

Call center agents comprises the largest BPO (Business Process Outsourcing) workers in country today. The BPO sector is a contemporary work setting in the Philippines, with a large and relatively young workforce. By 2016, the call center industry forecasts \$ 25 billion in revenues and 1.3 million employees [1]. The work of a customer service representative is seen as one of the ten most stressful jobs in the current world economy [2, 3, 4]. There is a concern that the demands of the work environment in call center may contribute to stress levels and psychological vulnerability among employees. Various studies conducted by researchers on the call center work environment indicate that many different variables inherent to the nature of call center work and call center work environments have been linked to the development of burnout [5].

Burnout is mostly talked about in Western researches and is related to employee turnover and others. There is a high turnover rates in the Philippine call center with sources as physical and psychological impact of work schedule, lack of social support and social isolation [6]. Accordingly, turnover is a serious and increasing problem in call center and turnover rates in call center is extremely high which suggests call center as an ideal environment in which to study stress and burnout [7]. A study indicated that the factors of burnout like emotional exhaustion, depersonalization, and reduced personal accomplishment increased turnover intentions [8].

It is the goal of this research to describe and explore the phenomenon of burnout among call center agents using this instrument, the MBI-GS. The MBI-GS is the widely used and accepted measure of burnout. The burnout measure of the MBI-GS has been dominated by Western studies and they are insufficiently adapted to local circumstances. This paper also aimed to determine relationships among the demographic variables and the variables of the instrument since most studies do not systematically investigate demographic differences in burnout [9].

Literature review

Job burnout is commonly known as a three-dimensional, rather enduring syndrome of exhaustion, cynicism, and reduced professional efficacy that a person experience in relation to their work [10]. The first of these is exhaustion, is thought to be the most important, and is the first response to develop. It is characterized by extreme tiredness or a lack of energy and a feeling of being drained of emotional resources to cope with continuing demands [11, 12]. When people are experiencing burnout, they are most often referring to the experience of exhaustion because this is the most obvious manifestation of burnout.

When employees reach this point of extreme tiredness, they act to conserve their levels of energy. To regulate their energy resources, they reduce their cognitive and emotional involvement with the work; in other words, they withdraw from their work. This leads to the second component of burnout, namely depersonalization or cynicism [13]. Cynicism is the cognitive dimension of burnout that refers to negative attitude toward one's work [9]; co-workers and the recipients of one's work that may be best described as dysfunctional disengagement and a gradual loss of concern. Outside of human services, people use cognitive distancing by developing a cynical attitude when they are discouraged or exhausted. Distancing is such an immediate reaction to exhaustion that a strong relation from exhaustion to depersonalization or cynicism is found consistently in burnout research, across a wide range of organization and occupational settings [10]. Depersonalization protects the employee from further emotional depletion that can serve as a coping response. This form of coping has serious implications for a company that makes use of service workers to provide their services because they tend to be less responsive to the needs of their customers [13, 4].

In the final phase of burnout – reduced personal accomplishment or low professional efficacy – employees compare their current levels of competence with their previous levels of competence before emotional exhaustion and depersonalization had set in. In this self-evaluation, they see that they are not as competent and efficient as they used to be and feelings of incompetence, lack of achievement and lower productivity follow [11, 12].

Statement of the problem

The main purpose of this study was to determine the level of exhaustion, cynicism and professional efficacy of the call center employees.

Specifically, it sought to find answers to the following specific questions.

1. What are the level of burnout of the call center agents with the following dimensions:
 - 1.1 Exhaustion
 - 1.2 Cynicism
 - 1.3 Professional Efficacy
2. What are the relationship between the levels of burnout and the profile of the respondents?
3. What are the differences in the level of burnout when grouped according to:
 - 1.1 Gender
 - 1.2 Age
 - 1.3 Tenure at Present Job
 - 1.4 Management Level

Methodology

The descriptive method of research was used in this study. The sample was gathered from sixteen call centers catering to local and international client companies. This study utilized convenience sampling involving the selection of the most accessible subjects [14]. A total of 747 call center agents participated in the study, of these, 338 are males (45.20%) and 409 are females (54.80%). Majority of the participants were between the ages of 18-29 years old (65.7%). Two hundred and twenty or 29.5% were tenured for 3-5 years, 219 (29.3%) were working for 1-2 years and 171 (22.9%) were working for 0-6 months in their present job. Majority of the call center agents were frontline staff comprising of 641 agents (85.8%). Majority of the call center agents who participated were from Ortigas-Pasig City, the rest were from Pasay City, Makati City and some were from Cainta, Rizal. The call center agents should be working in the night shift to be included in this study.

The Maslach Burnout Inventory-General Survey (MBI-GS) was a self-report questionnaire that evaluates burnout among people in all occupations. The survey plus a demographic profile that includes information on gender, age, tenure at the present job and management level were distributed to call center agents in Metro Manila. The confidentiality and anonymity of the data was

emphasized. Mean was used to categorize the level of exhaustion, cynicism and professional efficacy. Percentage was used to present the result of the level of exhaustion, cynicism and professional efficacy. Chi-square was used to compute for the relationship between age, tenure at present job and management level and exhaustion, cynicism and professional efficacy. T-test was utilized to check the differences between gender and the variables. One-Way ANOVA was used to check the differences of the exhaustion, cynicism and professional efficacy when grouped according to age, tenure at present job and management level.

Results and Discussion

Table 1. Exhaustion Level When Group According to Age, Gender, Tenure at Present Job and Management Level

Age	Low	%	Average	%	High	%	Total	%
18 – 29	161	21.6	126	16.9	204	27.3	491	65.7
30 – 39	98	13.1	48	6.4	80	10.7	226	30.3
40 – 49	15	2.0	4	0.5	4	0.5	23	3.1
50 – 59	3	0.4	1	0.1	3	0.4	7	0.9
Total	277	37.1	179	24.0	291	39.0	747	100
Gender								
Female	152	20.3	101	13.5	156	20.9	409	54.8
Male	125	16.7	78	10.4	135	18.1	338	45.2
Total	277	37.1	179	24.0	291	39.0	747	100
Tenure at Present Job								
0-6 months	70	9.4	34	4.6	67	9.0	171	22.9
7- 11 months	41	5.5	19	2.5	33	4.4	93	12.4
1 – 2 years	82	11.0	59	7.9	78	10.4	219	29.3
3 – 5 years	71	9.5	61	8.2	88	11.8	220	29.5
6 – 10 years	10	1.3	5	0.7	22	2.9	37	5.0
11 – 15 years	3	0.4	1	0.1	3	0.4	7	0.9
Total	277	37.1	179	24.0	291	39.0	747	100
Management Level								
Frontline Staff	247	33.1	154	20.6	240	32.1	641	85.8
Management (1st Level)	15	2.0	7	0.9	30	4	52	7.0
Management (Intermediate)	0	0.0	1	0.1	2	0.3	3	0.4
Management (Senior)	0	0.0	1	0.1	4	0.5	5	0.7
Supervisor	15	2.0	16	2.1	15	2	46	6.2
Total	277	37.1	179	24.0	291	39.0	747	100

Table 1 illustrates the frequency of the exhaustion level when grouped according to the demographic profiles. The age group of 18-29 experiences high exhaustion with 204 agents (27.3%); 156 females (20.9%) reported to be exhausted than males (18.1%). Among the agents those who worked for 3-5 years reported the most high in exhaustion with 88 agents (11.8%). Though there are 240 (32.1%) agents who are frontline staff who are high in exhaustion, there were 247 (33.1%) who reported to have low exhaustion. The result of this table suggest that though there are more call center agents who reported high in exhaustion (39%) there were also those who reported low in exhaustion (37.1%). Those who reported low in exhaustion may be able to deal with their work effectively compared to the rest of the call center agents.

The call center agents are experiencing high exhaustion because part of their work have to deal with periods of uncontrollable high call traffic during which they need to face clients without a break or time out [11]. When grouped according to management level, there is almost an equal number of agents who are experiencing low exhaustion and high exhaustion. If we try to look at the tenure at

present job, majority of highly exhausted agents came from the tenured agents, those who stayed in the company for 1-2 years and 3-5 years. A study of Dutch call center agents showed that employees in the different job positions differed regarding their demands and resources, their health problems and involvement, and regarding their absenteeism and turnover intentions. Teleconsultants reported the highest scores on repetitive strain injury (RSI) complaints, and they had been most often absent for longer time periods. [15] The result of this Dutch call center study is similar with the result of this present study as indicated in the table; the supervisors are also exhausted, most especially the front-line staff.

Emotional stress would seem to be a main type of stress in many call centers rather than physical stress. Training agents to deal with difficult customers, possible job redesign including escalating the difficult customers to those with more training and the ability to address their issues, and HR interventions to reduce employee stress are needed. If this is the case, those who may be experiencing the exhaustion part of the work are those who stayed in the company for a long time because they are the one's handling the escalation part of handling difficult customers because as supervisor they are more able to address this kind of issue. [7]

Table 2. Cynicism Level When Group According to Age, Gender and Tenure at Present Job and Management Level

Age/Level	Low	%	Average	%	High	%	Total	%
18 – 29	55	7.4	145	19.4	291	39.0	491	65.7
30 – 39	26	3.5	64	8.6	136	18.2	226	30.3
40 – 49	2	0.3	5	0.7	16	2.1	23	3.1
50 – 59	2	0.3	2	0.3	3	0.4	7	0.9
Total	85	11.4	216	28.9	446	59.7	747	100.0
Gender								
Female	48	6.4	111	14.9	250	33.5	409	54.8
Male	37	5.0	105	14.1	196	26.2	338	45.2
Total	85	11.4	216	28.9	446	59.7	747	100.0
Tenure at Present Job								
0-6 months	23	3.1	47	6.3	101	13.5	171	22.9
7- 11 months	12	1.6	38	5.1	43	5.8	93	12.4
1 – 2 years	21	2.8	64	8.6	134	17.9	219	29.3
3 – 5 years	25	3.3	55	7.4	140	18.7	220	29.5
6 – 10 years	3	0.4	11	1.5	23	3.1	37	5.0
11 – 15 years	1	0.1	1	0.1	5	0.7	7	0.9
Total	85	11.4	216	28.9	446	59.7	747	100
Management Level								
Frontline Staff	72	9.6	192	25.7	377	50.5	641	85.8
Management (1st Level)	5	0.7	9	1.2	38	5.1	52	7.0
Management (Intermediate)	0	0.0	1	0.1	2	0.3	3	0.4
Management (Senior)	1	0.1	1	0.1	3	0.4	5	0.7
Supervisor	7	0.9	13	1.7	26	3.5	46	6.2
Total	85	11.4	216	28.9	446	59.7	747	100.0

Table 2 presents the level of cynicism for the call center agents with an alarming 59.7% of the call center agents with high cynicism. More than half of the call center agents reported to be feeling indifferent or having a distant attitude toward their work. Majority were females (33.5%), aged 18-29 (39%) and those who have worked for 3-5 years (18.7%) and half are frontline staff (50.5%). Because a majority reported to be exhausted some of the exhaustion may spill over to their work hence the feeling of being indifferent was reported.

Emotional exhaustion, depersonalization, and reduced personal accomplishment increased turnover intentions. Emotional exhaustion led to a sharp increase in depersonalization, depersonalization is used as a term referring to cynicism in the first version of the Maslach scale [8]. A research studies showed that high scores on one dimension of burnout(i.e., either cynicism or exhaustion) were “early warnings” that those people were in a state of transition and change, but that if these people also showed mismatch scores (“tipping points”) on at least one of the six areas, then their transition was to burnout[16]. It is very clear that due to the high scores in exhaustion from the previous table that there is also an elevated scores in cynicism.

Table 3. Professional Efficacy Level When Group According to Age, Gender, Tenure at Present Job and Management Level

Age/Level	Low	%	Average	%	High	%	Total	%
18 – 29	222	29.7	106	14.2	163	21.8	491	65.7
30 – 39	132	17.7	44	5.9	50	6.7	226	30.3
40 – 49	16	2.1	4	0.5	3	0.4	23	3.1
50 – 59	2	0.3	2	0.3	3	0.4	7	0.9
Total	372	49.8	156	20.9	219	29.3	747	100
Gender								
Female	209	28.0	85	11.4	114	15.3	409	54.8
Male	163	21.8	70	9.4	105	14.1	338	45.2
Total	372	49.8	155	20.7	219	29.3	747	100.0
Tenure at Present Job								
0-6 months	82	11.0	35	4.7	54	7.2	171	22.9
7- 11 months	51	6.8	19	2.5	23	3.1	93	12.4
1 – 2 years	118	15.8	38	5.1	63	8.4	219	29.3
3 – 5 years	106	14.2	51	6.8	63	8.4	220	29.5
6 – 10 years	13	1.7	12	1.6	12	1.6	37	5.0
11 – 15 years	2	0.3	1	0.1	4	0.5	7	0.9
Total	372	49.8	156	20.9	219	29.3	747	100
Management Level								
Frontline Staff	333	44.6	133	17.8	175	23.4	641	85.8
Management (1st Level)	19	2.5	14	1.9	19	2.5	52	7.0
Management (Intermediate)	0	0.0	1	0.1	2	0.3	3	0.4
Management (Senior)	1	0.1	1	0.1	3	0.4	5	0.7
Supervisor	19	2.5	7	0.9	20	2.7	46	6.2
Total	372	49.8	156	20.9	219	29.3	747	100.0

Table 3 presents the level of professional efficacy with female (209) as experiencing low professional efficacy, those who are aged 18-29 (222), those who have worked for 1-2years (118) and frontline staffs (333). There are a total of 372 (49.8%) call center agents experiencing low professional efficacy and 219 (29.3%) as experiencing high professional efficacy. Though a majority are experiencing low professional efficacy, there are still a large number of call center agents who viewed themselves to be effective in their work. Monetary rewards reduced turnover intentions under depersonalization, whereas they increased turnover intentions under reduced personal accomplishment. Career paths reduced turnover intentions under both depersonalization and reduced personal accomplishment [8].

Table 4. Significant Relationship between exhaustion, cynicism and professional efficacy and the respondent's Profile

Variable	Computed X^2	d.f.	p –value	Interpretation
Age and Level of Exhaustion	16.15	6	0.013	Significant
Age and Level of Cynicism	3.21	6	0.782	Not Significant
Age and Professional Efficacy	17.57	6	0.007	Significant
Gender and Level of Exhaustion	0.36	2	0.836	Not Significant
Gender and Level of Cynicism	1.39	2	0.498	Not Significant
Gender and Professional Efficacy	0.96	2	0.619	Not Significant
Tenure at Present Job and Level of Exhaustion	15.11	10	0.128	Not Significant
Tenure at Present Job and Level of Cynicism	11.95	10	0.289	Not Significant
Tenure at Present Job and Professional Efficacy	11.06	10	0.353	Not Significant
Management Level and Level of Exhaustion	17.61	8	0.024	Significant
Management Level and Level of Cynicism	5.99	8	0.648	Not Significant
Management Level and Professional Efficacy	15.32	8	0.053	Not Significant

$\alpha = 0.05^*$.

Table 4 presents the chi-square results of the relationship between the level of exhaustion, cynicism and professional efficacy with the respondent's profile. There is a significant relationship between age and level of exhaustion with a p-value of 0.013, age and professional efficacy with a p-value of 0.007 and management level and exhaustion with a p-value of 0.024, the result is significant at the 0.05 alpha level. Age may have an influence with how the call center agents experience exhaustion and cynicism. Those who are aged 18-29 reported to have an increase in exhaustion and professional efficacy since majority of them are new in their work (frontline staff) therefore are in the adjustment period. Age also has something to do with the multiple roles of the call center agents being a breadwinner, interest in relationships, conformity with peer groups etc. No reported significant differences was reported in the area of cynicism since the result suggest that almost all of the call center agents reported a high in cynicism. Burnout is prevalent in young workers in the United States who are aged under 30 with little or no work experience. [10]

Results from the study showed that young workers are more concerned about growing in their profession and contributing to their family. They are motivated by a personal sense of accomplishment and do what they love or enjoy[14] Young workers including the call center agents' place a great value on family and work is seen as a reason to provide, to help or support their family. Those who are new in the call center industry may be the newly graduates who are supporting their family and these agents take pride in providing support for their parents or sending their siblings to college.

Table 5. T –test Between Exhaustion, Cynicism and Professional Efficacy and Gender

Variables	t- value	p value	Interpretation
Exhaustion	-0.90	0.370	Not Significant
Cynicism	-0.62	0.537	Not Significant
Professional Efficacy	-0.25	0.801	Not Significant

*d.f. = 745, $\alpha = 0.05$

Table 5 presents the result of t-test between the burnout level and gender, suggests that the differences in the exhaustion, cynicism and professional efficacy scores does not differ whether they are males or females. Women have less access to job related rewards such as high income, social status and autonomy because they occupy non-supervisory roles in organization compared to men. When these confounding variables are considered, no significant gender differences in burnout

are observed, except for depersonalization [17]. It is consistently found that males report higher depersonalization scores than females, because males have higher prevalence of aggression while females have higher interest in the nurturing role [12]. The result of this study is similar with the result of previous study except for the higher depersonalization in males, the gender differences could not account for this differences since all reported to be high in depersonalization.

Table 6. Analysis of Variance between Exhaustion, Cynicism and Professional Efficacy and Age

Variables	F	p value	Interpretation
Exhaustion	3.50	0.015	Significant
Cynicism	0.29	0.834	Not Significant
Professional Efficacy	14.56	0.000	Significant

*d.f = 3,743, $\alpha = 0.05$

Table 6 shows that exhaustion variable with a p value of 0.015 and professional efficacy with a p value of 0.000 is significant at 0.05 level when grouped according to age. This suggest that one of the age group has significantly higher score. The age group of 18-29 has higher scores on these two variables since the majority of the call center agents are from this age group.

Burnout has been reported in occupations occurring among health care workers, teachers and social workers. There are not substantial differences in burnout levels associated with gender, race or age [13]. Burnout does changes with work conditions that may in turn related to demographic characteristics. Many organizations, women have lower status positions relative to men, and the female workers may also report more indicators of burnout due to diminished quality of their worklife. Customer service representatives are expected to avoid showing any form of negative emotion towards customers and to remain friendly and polite in spite of how they really feel. Emotional dissonance therefore seems to be higher in call centers.[18] Emotional dissonance is the most stressful aspect of emotional work and that emotional exhaustion is predicted via emotional dissonance [19].

Table 7. Analysis of Variance Between Exhaustion, Cynicism and Professional Efficacy and Tenure at Present Job

Variables	F	p value	Interpretation
Exhaustion	0.86	0.508	Not Significant
Cynicism	0.68	0.640	Not Significant
Professional Efficacy	2.63	0.023	Significant

*d.f = 5,741, $\alpha = 0.05$

Table 7 shows that the p value of 0.023 for the variable professional efficacy is significant at 0.05 level when grouped according to tenure at present job. This suggests that one of the group differ significantly in their scores in professional efficacy. Fifteen percent of the call center agents who have worked for 1-2 years reported to be low in professional efficacy, this tenure got the highest frequency compared to the rest of the group. This can be explained that those staying for 1 to 2 years may already feel incompetent and insufficient with their work and instead of resigning from their job, they decided to stay and continue with their work. There are "survivors" who are the remaining group of more experienced employees, especially older one who did experienced burnout but did not quit their job [20].

Table 8. Analysis of Variance Between Exhaustion, Cynicism and Professional Efficacy and Management Level

Variables	F	p value	Interpretation
Exhaustion	0.60	0.660	Not Significant
Cynicism	0.40	0.811	Not Significant
Professional Efficacy	1.78	0.131	Not Significant

Table 8 revealed the p value score of 0.0660 for exhaustion, 0.811 for cynicism and 0.131 for professional efficacy and these value is not significant at 0.05 level. This implies that management level does not differ in their perception of burnout. Since majority of the respondents are frontline staff and there are less representation of the other management level, no significance emerged.

Conclusion

The study concludes that majority of the call center respondents are highly exhausted, highly cynical and experiencing low professional efficacy. The high level of emotional exhaustion lead to a sharp increase in cynicism and an experience of low professional efficacy. Those who are relatively young compared to the other age group are experiencing exhaustion which could be due to their lack of experience in handling excessive job demand or coping with difficult or irate customers. The agents may have the technical training in computers and technologies but the soft skills like handling emotional stress may be lacking. When these agents feel they cannot handle the task, the feelings of incompetence, lack of achievement and lower productivity may be reported hence their score in low professional efficacy.

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