

Standardlastprofil

Tabelle 3: Gewerbe, Handel, Dienstleistungen (G1R)

Standardlastprofil für Gewerbe, Handel, Dienstleistung																									
Parameter der Sigmoidfunktion		Sigmoid-Funktion																							
A	2,5792510140	$h = F \times [A / (1 + (B / (\text{Temp.} - 40))^C) + D]$																							
B	-35,6816144000																								
C	6,6857976120																								
D	0,1995540990																								
Tagesfaktor F																									
Montag	1,03																								
Dienstag	1,03																								
Mittwoch	1,02																								
Donnerstag	1,03																								
Freitag	1,01																								
Samstag	0,93																								
Sonntag	0,95																								
Stundenverteilung																									
Gewerbe, Handel, Dienstleistung		600 Uhr - 700Uhr	700 Uhr - 800Uhr	800 Uhr - 900Uhr	900 Uhr - 1000Uhr	1000 Uhr - 1100Uhr	1100 Uhr - 1200Uhr	1200 Uhr - 1300Uhr	1300 Uhr - 1400Uhr	1400 Uhr - 1500Uhr	1500 Uhr - 1600Uhr	1600 Uhr - 1700Uhr	1700 Uhr - 1800Uhr	1800 Uhr - 1900Uhr	1900 Uhr - 2000Uhr	2000 Uhr - 2100Uhr	2100 Uhr - 2200Uhr	2200 Uhr - 2300Uhr	2300 Uhr - 2400Uhr	000 Uhr - 100Uhr	100 Uhr - 200Uhr	200 Uhr - 300Uhr	300 Uhr - 400Uhr	400 Uhr - 500Uhr	500 Uhr - 600Uhr
Montag	Temp. <= -15 °C	5,46%	5,28%	5,33%	4,94%	4,62%	4,52%	4,31%	4,26%	4,30%	4,34%	4,31%	4,27%	3,97%	3,82%	3,72%	3,66%	3,67%	3,48%	3,16%	3,29%	3,44%	3,73%	3,74%	4,38%
	-15 °C < Temp. <= -10 °C	5,17%	5,31%	5,24%	4,91%	4,61%	4,50%	4,28%	4,20%	4,17%	4,23%	4,18%	4,20%	4,08%	4,02%	3,92%	3,91%	3,73%	3,46%	3,29%	3,39%	3,42%	3,70%	3,72%	4,36%
	-10 °C < Temp. <= -5 °C	5,21%	5,31%	5,18%	4,91%	4,64%	4,55%	4,33%	4,21%	4,16%	4,21%	4,16%	4,26%	4,17%	4,12%	3,92%	3,83%	3,81%	3,39%	3,23%	3,29%	3,35%	3,60%	3,70%	4,46%
	-5 °C < Temp. <= 0 °C	5,19%	5,46%	5,38%	5,19%	4,88%	4,63%	4,48%	4,35%	4,21%	4,15%	4,14%	4,26%	4,24%	4,17%	3,93%	3,74%	3,42%	3,10%	3,04%	3,18%	3,25%	3,45%	3,66%	4,50%
	0 °C < Temp. <= 5 °C	5,28%	5,44%	5,32%	5,10%	4,87%	4,59%	4,34%	4,27%	4,20%	4,22%	4,23%	4,31%	4,27%	4,18%	3,99%	3,80%	3,33%	3,02%	3,00%	3,12%	3,21%	3,49%	3,81%	4,61%
	5 °C < Temp. <= 10 °C	5,37%	5,69%	5,55%	5,19%	4,87%	4,47%	4,33%	4,10%	4,03%	3,99%	4,11%	4,13%	4,23%	4,21%	4,17%	3,90%	3,37%	2,95%	2,84%	3,09%	3,20%	3,51%	4,03%	4,67%
	10 °C < Temp. <= 15 °C	6,30%	6,49%	5,77%	5,38%	4,88%	4,48%	4,14%	3,90%	3,71%	3,74%	3,55%	3,66%	3,76%	4,07%	4,09%	4,00%	3,51%	2,80%	2,69%	3,01%	3,22%	3,56%	4,17%	5,12%
	15 °C < Temp. <= 20 °C	6,86%	7,20%	5,72%	5,24%	4,91%	4,44%	4,36%	3,81%	3,73%	3,40%	3,26%	3,40%	3,55%	3,89%	4,14%	3,93%	3,56%	2,85%	2,64%	3,07%	3,04%	3,37%	4,20%	5,43%
	20 °C < Temp. <= 25 °C	7,73%	7,73%	5,46%	5,05%	4,94%	4,61%	4,38%	3,52%	3,29%	3,23%	2,92%	3,04%	3,16%	3,72%	4,02%	3,67%	3,55%	2,67%	2,45%	3,08%	3,18%	3,25%	4,33%	7,02%
	Temp > 25 °C	7,73%	7,73%	5,46%	5,05%	4,94%	4,61%	4,38%	3,52%	3,29%	3,23%	2,92%	3,04%	3,16%	3,72%	4,02%	3,67%	3,55%	2,67%	2,45%	3,08%	3,18%	3,25%	4,33%	7,02%
Dienstag	Temp. <= -15 °C	5,52%	5,29%	5,38%	4,93%	4,64%	4,52%	4,27%	4,18%	4,22%	4,30%	4,26%	4,27%	3,95%	3,82%	3,73%	3,60%	3,60%	3,47%	3,24%	3,36%	3,51%	3,74%	3,78%	4,42%
	-15 °C < Temp. <= -10 °C	5,22%	5,33%	5,30%	4,91%	4,64%	4,50%	4,26%	4,16%	4,14%	4,23%	4,16%	4,18%	4,05%	4,01%	3,92%	3,85%	3,64%	3,45%	3,34%	3,44%	3,46%	3,72%	3,72%	4,37%
	-10 °C < Temp. <= -5 °C	5,26%	5,34%	5,29%	4,91%	4,66%	4,54%	4,33%	4,17%	4,17%	4,27%	4,17%	4,23%	4,09%	4,11%	3,95%	3,77%	3,70%	3,37%	3,25%	3,31%	3,36%	3,61%	3,68%	4,46%
	-5 °C < Temp. <= 0 °C	5,22%	5,47%	5,55%	5,18%	4,88%	4,70%	4,49%	4,32%	4,26%	4,27%	4,20%	4,25%	4,15%	4,11%	3,93%	3,64%	3,30%	3,06%	3,04%	3,17%	3,24%	3,45%	3,61%	4,51%
	0 °C < Temp. <= 5 °C	5,28%	5,53%	5,41%	5,17%	4,90%	4,61%	4,40%	4,28%	4,21%	4,24%	4,28%	4,23%	4,13%	4,04%	3,99%	3,73%	3,27%	2,98%	3,00%	3,17%	3,26%	3,49%	3,81%	4,59%
	5 °C < Temp. <= 10 °C	5,43%	5,75%	5,81%	5,31%	4,93%	4,60%	4,38%	4,22%	4,16%	4,09%	4,08%	4,15%	4,06%	4,07%	4,04%	3,79%	3,21%	2,86%	2,84%	3,03%	3,15%	3,45%	3,97%	4,62%
	10 °C < Temp. <= 15 °C	6,38%	6,56%	6,04%	5,57%	5,03%	4,62%	4,25%	4,02%	3,76%	3,68%	3,59%	3,59%	3,67%	3,95%	3,90%	3,85%	3,37%	2,67%	2,69%	2,96%	3,17%	3,44%	4,12%	5,12%
	15 °C < Temp. <= 20 °C	6,91%	7,23%	6,02%	5,50%	5,18%	4,63%	4,59%	3,97%	3,71%	3,43%	3,22%	3,33%	3,47%	3,79%	3,95%	3,78%	3,43%	2,70%	2,45%	2,94%	2,98%	3,32%	4,16%	5,31%
	20 °C < Temp. <= 25 °C	7,81%	7,76%	5,84%	5,43%	5,32%	4,94%	4,68%	3,74%	3,31%	3,18%	2,75%	2,93%	3,09%	3,60%	3,75%	3,44%	3,34%	2,50%	2,33%	2,93%	3,05%	3,12%	4,28%	6,88%
	Temp > 25 °C	7,81%	7,76%	5,84%	5,43%	5,32%	4,94%	4,68%	3,74%	3,31%	3,18%	2,75%	2,93%	3,09%	3,60%	3,75%	3,44%	3,34%	2,50%	2,33%	2,93%	3,05%	3,12%	4,28%	6,88%
Mittwoch	Temp. <= -15 °C	5,52%	5,29%	5,38%	4,93%	4,64%	4,52%	4,27%	4,18%	4,22%	4,30%	4,26%	4,27%	3,95%	3,82%	3,73%	3,60%	3,60%	3,47%	3,24%	3,36%	3,51%	3,74%	3,78%	4,42%
	-15 °C < Temp. <= -10 °C	5,22%	5,33%	5,30%	4,91%	4,64%	4,50%	4,26%	4,16%	4,14%	4,23%	4,16%	4,18%	4,05%	4,01%	3,92%	3,85%	3,64%	3,45%	3,34%	3,44%	3,46%	3,72%	3,72%	4,37%
	-10 °C < Temp. <= -5 °C	5,26%	5,34%	5,29%	4,91%	4,66%	4,54%	4,33%	4,17%	4,17%	4,27%	4,17%	4,23%	4,09%	4,11%	3,95%	3,77%	3,70%	3,37%	3,25%	3,31%	3,36%	3,61%	3,68%	4,46%
	-5 °C < Temp. <= 0 °C	5,22%	5,47%	5,55%	5,18%	4,88%	4,70%	4,49%	4,32%	4,26%	4,27%	4,20%	4,25%	4,15%	4,11%	3,93%	3,64%	3,30%	3,06%	3,04%	3,17%	3,24%	3,45%	3,61%	4,51%
	0 °C < Temp. <= 5 °C	5,28%	5,53%	5,41%	5,17%	4,90%	4,61%	4,40%	4,28%	4,21%	4,24%	4,28%	4,23%	4,13%	4,04%	3,99%	3,73%	3,27%	2,98%	3,00%	3,17%	3,26%	3,49%	3,81%	4,59%
	5 °C < Temp. <= 10 °C	5,43%	5,75%	5,81%	5,31%	4,93%	4,60%	4,38%	4,22%	4,16%	4,09%	4,08%	4,15%	4,06%	4,07%	4,04%	3,79%	3,21%	2,86%	2,84%	3,03%	3,15%	3,45%	3,97%	4,62%
	10 °C < Temp. <= 15 °C	6,38%	6,56%	6,04%	5,57%	5,03%	4,62%	4,25%	4,02%	3,76%	3,68%	3,59%	3,59%	3,67%	3,95%	3,90%	3,85%	3,37%	2,67%	2,69%	2,96%	3,17%	3,44%	4,12%	5,12%
	15 °C < Temp. <= 20 °C	6,91%	7,23%	6,02%	5,50%	5,18%	4,63%	4,59%	3,97%	3,71%	3,43%	3,22%	3,33%	3,47%	3,79%	3,95%	3,78%	3,43%	2,70%	2,45%	2,94%	2,98%	3,32%	4,16%	5,31%
	20 °C < Temp. <= 25 °C	7,81%	7,76%	5,84%	5,43%	5,32%	4,94%	4,68%	3,74%	3,31%	3,18%	2,75%	2,93%	3,09%	3,60%	3,75%	3,44%	3,34%	2,50%	2,33%	2,93%	3,05%	3,12%	4,28%	6,88%
	Temp > 25 °C	7,81%	7,76%	5,84%	5,43%	5,32%	4,94%	4,68%	3,74%	3,31%	3,18%	2,75%	2,93%	3,09%	3,60%	3,75%	3,44%	3,34%	2,50%	2,33%	2,93%	3,05%	3,12%	4,28%	6,88%

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Donnerstag	Temp. <= -15 °C	5,52%	5,29%	5,38%	4,93%	4,64%	4,52%	4,27%	4,18%	4,22%	4,30%	4,26%	4,27%	3,95%	3,82%	3,73%	3,60%	3,60%	3,47%	3,24%	3,36%	3,51%	3,74%	3,78%	4,42%
	-15 °C < Temp. <= -10 °C	5,22%	5,33%	5,30%	4,91%	4,64%	4,50%	4,26%	4,16%	4,14%	4,23%	4,16%	4,18%	4,05%	4,01%	3,92%	3,85%	3,64%	3,45%	3,34%	3,44%	3,46%	3,72%	3,72%	4,37%
	-10 °C < Temp. <= -5 °C	5,26%	5,34%	5,29%	4,91%	4,66%	4,54%	4,33%	4,17%	4,17%	4,27%	4,17%	4,23%	4,09%	4,11%	3,95%	3,77%	3,70%	3,37%	3,25%	3,31%	3,36%	3,61%	3,68%	4,46%
	-5 °C < Temp. <= 0 °C	5,22%	5,47%	5,55%	5,18%	4,88%	4,70%	4,49%	4,32%	4,26%	4,27%	4,20%	4,25%	4,15%	4,11%	3,93%	3,64%	3,30%	3,06%	3,04%	3,17%	3,24%	3,45%	3,61%	4,51%
	0 °C < Temp. <= 5 °C	5,28%	5,53%	5,41%	5,17%	4,90%	4,61%	4,40%	4,28%	4,21%	4,24%	4,28%	4,23%	4,13%	4,04%	3,99%	3,73%	3,27%	2,98%	3,00%	3,17%	3,26%	3,49%	3,81%	4,59%
	5 °C < Temp. <= 10 °C	5,43%	5,75%	5,81%	5,31%	4,93%	4,60%	4,38%	4,22%	4,16%	4,09%	4,08%	4,15%	4,06%	4,07%	4,04%	3,79%	3,21%	2,86%	2,84%	3,03%	3,15%	3,45%	3,97%	4,62%
	10 °C < Temp. <= 15 °C	6,38%	6,56%	6,04%	5,57%	5,03%	4,62%	4,25%	4,02%	3,76%	3,68%	3,59%	3,59%	3,67%	3,95%	3,90%	3,85%	3,37%	2,67%	2,69%	2,96%	3,17%	3,44%	4,12%	5,12%
	15 °C < Temp. <= 20 °C	6,91%	7,23%	6,02%	5,50%	5,18%	4,63%	4,59%	3,97%	3,71%	3,43%	3,22%	3,33%	3,47%	3,79%	3,95%	3,78%	3,43%	2,70%	2,45%	2,94%	2,98%	3,32%	4,16%	5,31%
20 °C < Temp. <= 25 °C	7,81%	7,76%	5,84%	5,43%	5,32%	4,94%	4,68%	3,74%	3,31%	3,18%	2,75%	2,93%	3,09%	3,60%	3,75%	3,44%	3,34%	2,50%	2,33%	2,93%	3,05%	3,12%	4,28%	6,88%	
Temp > 25 °C	7,81%	7,76%	5,84%	5,43%	5,32%	4,94%	4,68%	3,74%	3,31%	3,18%	2,75%	2,93%	3,09%	3,60%	3,75%	3,44%	3,34%	2,50%	2,33%	2,93%	3,05%	3,12%	4,28%	6,88%	
Freitag	Temp. <= -15 °C	5,62%	5,37%	5,22%	4,92%	4,61%	4,46%	4,26%	4,20%	4,37%	4,32%	4,24%	4,21%	4,10%	3,95%	3,85%	3,69%	3,70%	3,46%	3,33%	3,35%	3,46%	3,58%	3,54%	4,19%
	-15 °C < Temp. <= -10 °C	5,29%	5,37%	5,25%	4,94%	4,64%	4,48%	4,24%	4,18%	4,26%	4,25%	4,18%	4,16%	4,15%	4,13%	3,98%	3,88%	3,75%	3,44%	3,38%	3,34%	3,39%	3,57%	3,52%	4,23%
	-10 °C < Temp. <= -5 °C	5,25%	5,33%	5,27%	4,97%	4,67%	4,54%	4,28%	4,17%	4,25%	4,26%	4,17%	4,17%	4,19%	4,16%	3,98%	3,87%	3,69%	3,39%	3,35%	3,33%	3,37%	3,52%	3,52%	4,30%
	-5 °C < Temp. <= 0 °C	5,26%	5,48%	5,57%	5,23%	4,94%	4,75%	4,54%	4,35%	4,31%	4,30%	4,24%	4,23%	4,22%	4,13%	3,93%	3,65%	3,33%	3,08%	3,02%	3,08%	3,18%	3,34%	3,49%	4,35%
	0 °C < Temp. <= 5 °C	5,35%	5,62%	5,47%	5,21%	4,96%	4,67%	4,42%	4,28%	4,20%	4,22%	4,26%	4,22%	4,16%	4,10%	4,00%	3,77%	3,32%	2,97%	2,96%	3,12%	3,23%	3,37%	3,67%	4,45%
	5 °C < Temp. <= 10 °C	5,44%	5,82%	5,89%	5,40%	5,02%	4,68%	4,43%	4,25%	4,19%	4,11%	4,06%	4,11%	4,13%	4,12%	4,06%	3,84%	3,27%	2,91%	2,80%	2,97%	3,07%	3,30%	3,76%	4,37%
	10 °C < Temp. <= 15 °C	6,23%	6,54%	6,12%	5,62%	5,07%	4,58%	4,46%	4,09%	3,79%	3,67%	3,59%	3,63%	3,71%	4,07%	3,95%	3,94%	3,43%	2,70%	2,73%	3,04%	3,08%	3,31%	3,89%	4,76%
	15 °C < Temp. <= 20 °C	6,48%	7,30%	6,25%	5,65%	5,21%	4,54%	4,49%	4,05%	3,59%	3,43%	3,13%	3,33%	3,62%	4,02%	4,03%	3,96%	3,47%	2,68%	2,53%	2,94%	2,93%	3,22%	4,00%	5,15%
20 °C < Temp. <= 25 °C	7,19%	7,66%	6,04%	5,59%	5,21%	4,78%	4,56%	3,91%	3,22%	3,10%	2,63%	3,03%	3,25%	3,97%	3,95%	3,78%	3,40%	2,53%	2,60%	3,00%	3,08%	3,06%	3,98%	6,48%	
Temp > 25 °C	7,19%	7,66%	6,04%	5,59%	5,21%	4,78%	4,56%	3,91%	3,22%	3,10%	2,63%	3,03%	3,25%	3,97%	3,95%	3,78%	3,40%	2,53%	2,60%	3,00%	3,08%	3,06%	3,98%	6,48%	
Samstag	Temp. <= -15 °C	5,81%	5,02%	4,87%	4,93%	4,68%	4,58%	4,36%	4,27%	4,28%	4,25%	4,10%	4,07%	4,05%	4,08%	4,10%	4,00%	3,96%	3,49%	3,30%	3,34%	3,28%	3,45%	3,41%	4,32%
	-15 °C < Temp. <= -10 °C	5,48%	5,12%	4,97%	4,81%	4,58%	4,56%	4,35%	4,22%	4,22%	4,23%	4,10%	4,11%	4,08%	4,10%	4,10%	4,01%	3,94%	3,51%	3,36%	3,38%	3,32%	3,49%	3,52%	4,44%
	-10 °C < Temp. <= -5 °C	5,52%	5,23%	5,07%	4,84%	4,52%	4,51%	4,31%	4,15%	4,12%	4,15%	4,07%	4,14%	4,08%	4,10%	4,05%	4,00%	3,91%	3,53%	3,39%	3,40%	3,34%	3,52%	3,53%	4,52%
	-5 °C < Temp. <= 0 °C	5,37%	5,50%	5,21%	5,02%	4,81%	4,68%	4,47%	4,29%	4,23%	4,07%	4,13%	4,16%	4,12%	4,06%	3,98%	3,81%	3,50%	3,21%	3,21%	3,26%	3,26%	3,42%	3,66%	4,57%
	0 °C < Temp. <= 5 °C	5,57%	5,53%	5,37%	5,03%	4,82%	4,67%	4,30%	4,04%	3,97%	4,00%	4,13%	4,23%	4,21%	4,08%	3,96%	3,95%	3,49%	3,16%	3,20%	3,12%	3,27%	3,48%	3,80%	4,62%
	5 °C < Temp. <= 10 °C	5,69%	5,87%	5,72%	5,28%	4,89%	4,68%	4,41%	3,81%	3,73%	3,80%	3,90%	4,02%	4,17%	4,01%	4,08%	3,92%	3,60%	3,05%	3,01%	3,06%	3,06%	3,46%	4,02%	4,76%
	10 °C < Temp. <= 15 °C	5,93%	6,38%	6,03%	5,42%	5,17%	4,67%	4,41%	3,75%	3,83%	3,68%	3,50%	3,51%	3,78%	3,91%	3,78%	3,98%	3,53%	3,00%	3,25%	3,08%	3,17%	3,39%	4,10%	4,75%
	15 °C < Temp. <= 20 °C	6,46%	6,88%	6,13%	5,50%	5,45%	4,61%	4,48%	3,87%	4,09%	3,83%	3,67%	3,50%	3,48%	3,71%	3,62%	3,83%	3,44%	2,80%	2,92%	2,97%	2,85%	3,23%	4,01%	4,67%
20 °C < Temp. <= 25 °C	7,34%	7,81%	5,83%	5,05%	5,84%	4,25%	4,16%	3,37%	4,76%	4,31%	3,72%	2,91%	3,14%	3,30%	3,23%	3,61%	3,26%	2,40%	3,45%	3,43%	2,62%	3,29%	4,05%	4,87%	
Temp > 25 °C	7,34%	7,81%	5,83%	5,05%	5,84%	4,25%	4,16%	3,37%	4,76%	4,31%	3,72%	2,91%	3,14%	3,30%	3,23%	3,61%	3,26%	2,40%	3,45%	3,43%	2,62%	3,29%	4,05%	4,87%	
Sonntag	Temp. <= -15 °C	5,09%	4,62%	4,32%	4,31%	4,22%	4,48%	4,31%	4,28%	4,16%	4,11%	4,13%	4,23%	4,24%	4,36%	4,22%	4,36%	3,97%	3,91%	3,60%	3,60%	3,78%	3,80%	3,67%	4,23%
	-15 °C < Temp. <= -10 °C	4,78%	4,68%	4,39%	4,31%	4,18%	4,40%	4,20%	4,17%	4,10%	4,13%	4,14%	4,25%	4,26%	4,33%	4,25%	4,36%	3,99%	3,88%	3,64%	3,64%	3,74%	3,82%	3,80%	4,56%
	-10 °C < Temp. <= -5 °C	4,80%	4,74%	4,48%	4,30%	4,12%	4,30%	4,06%	4,02%	4,01%	4,12%	4,13%	4,26%	4,26%	4,29%	4,27%	4,35%	4,00%	3,83%	3,65%	3,66%	3,68%	3,83%	3,92%	4,92%
	-5 °C < Temp. <= 0 °C	4,88%	4,92%	4,82%	4,57%	4,40%	4,42%	4,18%	4,11%	4,03%	4,13%	4,16%	4,32%	4,25%	4,20%	4,14%	4,07%	3,68%	3,34%	3,33%	3,48%	3,47%	3,77%	4,11%	5,22%
	0 °C < Temp. <= 5 °C	4,87%	4,81%	4,74%	4,51%	4,30%	4,24%	4,02%	3,91%	4,01%	4,10%	4,04%	4,31%	4,36%	4,27%	4,27%	4,15%	3,64%	3,49%	3,29%	3,40%	3,35%	3,81%	4,62%	5,49%
	5 °C < Temp. <= 10 °C	5,02%	4,97%	4,65%	4,50%	4,20%	4,10%	3,88%	3,69%	3,82%	3,67%	3,94%	4,15%	4,18%	4,19%	4,38%	4,19%	3,94%	3,36%	3,21%	3,78%	3,45%	3,99%	4,83%	5,91%
	10 °C < Temp. <= 15 °C	5,15%	5,79%	5,01%	4,41%	4,26%	4,04%	3,84%	3,56%	3,61%	3,52%	3,56%	3,58%	3,81%	4,06%	4,08%	4,11%	3,69%	3,11%	2,90%	3,32%	3,51%	4,40%	5,83%	6,85%
	15 °C < Temp. <= 20 °C	5,52%	6,17%	4,69%	4,34%	4,26%	3,79%	3,72%	3,54%	3,40%	3,25%	3,20%	3,48%	3,58%	3,65%	4,08%	4,40%	3,71%	3,15%	2,85%	3,35%	3,90%	4,67%	6,08%	7,22%
20 °C < Temp. <= 25 °C	5,54%	6,73%	4,60%	3,99%	4,17%	3,59%	3,63%	3,21%	2,96%	2,92%	2,73%	2,83%	3,25%	3,66%	3,65%	4,16%	3,62%	3,06%	2,94%	3,76%	4,23%	5,86%	7,20%	7,71%	
Temp > 25 °C	5,54%	6,73%	4,60%	3,99%	4,17%	3,59%	3,63%	3,21%	2,96%	2,92%	2,73%	2,83%	3,25%	3,66%	3,65%	4,16%	3,62%	3,06%	2,94%	3,76%	4,23%	5,86%	7,20%	7,71%	