## Annex

## Operation with fixed maintenance

month: week: day: shift: prod1: prod2: prod3: prod4: prod5: prod6: prod7:	0   34   0	-	tue   2   42   0   0   0   0   15	we   1   0   20   0   20   20   20   20	ed   2     0     34     0     0     0     1     0     1     0     0     1     0     0     1     0     0     0     0     0       0       0	th 1   0   33   0   0   3   0   0   0	nu   2   0   34   0   0   0   1   0	fr	ri   2   0   34   30   0   0   1   0	sa 1 0 34 30 0 0 1	at     2     0     0     0     64     24
week : day : shift : prod1 : prod2 : prod3 : prod4 : prod5 : prod6 : prod7 :	mon 1   40 40   0   0   0	2   1 0   0 0   34 30   0 0   28 80   0 0   1 0   0	tue   2   48   0   0   0   0   0	we   1	ed   2   48   0   0   0   0   0   0	th 1   0   33   0   0   3   0   0   0   0	nu   2   0   34   0   0   0   1   0	fr   1   0   0   0   0   0   0   0   0   0	ri   2   40   0   0   0   0   20   0	58 1 48 0 18 37 0 0	at     2     0     34     0     0     1
week : day : shift : prod1 : prod2 : prod3 : prod4 : prod5 : prod6 : prod7 :	0   33   30	2   1 0   0 34   0 0   0 28   0 0   80 1   0	tue   2   0   0   0   0   80   0	we   1   0   34   30   0   0   1   1   0	ed   2   0   34   0   0   0   0   1   0	th 1   0   34   0   0   0   1   0	nu   2   0   0   0   0   0   0   0   0   0	fr 1   48   0   0   0   0   0   0   0   0   0	ri   2   0   0   30   0   80   0   0	58 1 0 34 0 0 0 1	at
week : day : shift : prod1 : prod2 : prod3 : prod4 : prod5 : prod6 : prod7 :	0   0   0   0   80	2   1 40   48 0   0 20   0 0   0 0   0 20   0	tue   2   0   30   27   0   0   15	we   1   48   0   18   0   0   0   0   0   0   0   0   0	ed   2   0   34   0   0   0   1   0	th 1   0   34   0   0   0   0   1   0	nu   2   0   34   30   17   0	fr   1   0   30   0   0   0   15   0   0   0	ri   2   0   34   30   28   0   1   0	50 1 0 0 30 5 64 24 0	at

month : Februare week : 1 day : mor shift : 1   prod1 : 0   prod2 : 0   prod3 : 10   prod4 : 0   prod5 : 80   prod6 : 26   prod7 : 0		17   0 0   0   0 0   0   0 0   0   0 6   0   20	thu   1   2   40   1   0   0   0   0   0   0   0   0   0   13	fri   1   2   40   1   17   35   0   0   0   0   0   0   0   13	sat   1   2   1   0   40   10   0   10   10   10
week : 2 day : mor shift : 1   prod1 : 0   prod2 : 0   prod3 : 10   prod4 : 0   prod5 : 80   prod6 : 26   prod7 : 0	1   tue 2   1   2 40   0   1 0   0   0 0   10   6 0   0   6 20   26   6 0   0   13	17   0 0   0   0 0   0   0 0   0   0 0   0	thu   1   2   40   1   11   35   0   0   0   0   0   0   0   0	fri   1   2   0   3   0   0   10   0   0   0   0   0   26   0   0   12	sat
week : 3 day : mor shift : 1   prod1 : 1   prod2 : 0   prod3 : 0   prod4 : 0   prod5 : 66   prod6 : 26   prod7 : 13	1   tue 2   1   2 1   1   6 0   35   6 0   0   16 0   0   6 0   0   86 0   0   26 13   13   6	0   0   0 0   0   0 0   0   0 0   40   0 6   0   0	thu   1   2   40   1   0   35   0   0   0   0   0   0   0   35	fri   1   2   40   0   0   2   0   0   0   0   0   0   0   13	sat
week : 4 day : mor shift : 1   prod1 : 40   prod2 : 17   prod3 : 0   prod4 : 0   prod5 : 0   prod6 : 0   prod7 : 0	1 tue 2   1   2 40   1   6 17   35   36 0   0   7 0   0   6 0   0   6 0   0   6 0   13   4	6           45           0       7           10           10       8           0           0       9           0           80       9           0           0	thu   1   2   0   40   45   17   10   0   0   0   0   0   0   0	fri   1   2   1   40   0   17   0   0   0   0   69   0   0   0	sat   1   2   1   1   1   35   35   0   0   0   0   0   0   0   0   13   13

month : Marc week : 1 day : r shift : 1 prod1 : 0 prod2 : 0 prod3 : 0 prod4 : 0 prod5 : 0 prod6 : 26 prod7 : 0		tue   v   2   1   1   0   0   0   0   0   0   0   0	ved   2   0   0   0   0   0   0   0   0   0	thu   1   2   0   0   0   0   0   0   0   0   0   0   0   0   0   0	fri   1   2   0   0   0   0   0   0   0   0   0	sat   1   2   0   0   0   0   0   0   0   0   0   0   0   0   0   0
week : 2 day : r shift : 1 prod1 : 0 prod2 : 0 prod3 : 0 prod4 : 0 prod5 : 0 prod6 : 26 prod7 : 0	non   t	tue   v   2   1   0   0   0   0   0   0   0   0   0	/ed   2     0     0       0         0	thu   1   2   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0	fri   2   0   0   0   0   0   0   0   0   0	sat   1   2   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
week : 3 day : r shift : 1 prod1 : 0 prod2 : 0 prod3 : 0 prod4 : 0 prod5 : 0 prod6 : 26 prod7 : 0	non   t	tue   v   2   1   0   0   0   0   0   0   0   0   0	ved   2   0   0   0   0   0   0   0   0   0	thu   1   2   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0	fri   2   0   0   0   0   0   0   0   0   0	sat   1   2   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
week : 4 day : r shift : 1 prod1 : 0 prod2 : 0 prod3 : 0 prod4 : 0 prod5 : 0 prod6 : 26 prod7 : 0	non   t	tue   v	ved   2   0   0   0   0   0   0   0   0   0	thu   1   2   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0	fri 1   2   0   0   0   0   0   0   0   0   0   0	sat   1   2   0   0   0   0   0   0   0   0   0   0   0   26   0   0

month : April week : 1 day : mon shift : 1   prod1 : 0   prod2 : 40   prod3 : 30   prod4 : 0   prod5 : 13   prod6 : 0   prod7 : 0	tue    tue   2   1   2     2   0   0     0   0   0     30   0     26   26   0     0   0   0     0   0   0     0   0	wed     1   2     0   0     1   0     30   0     26   0     0   0     0   0	thu   1   2   0   0   0   40   0   0   0   0   0   0   0   0	fri   1   2   0   0   1   17   30   0   26   6   0   0   0   0   0   0   0   0	sat   1   2   0   2   0   0   0   0   26   26   0   0   0   0   0   0
	tue   tue   2   1   2     64   0   0     0   0   0     0   0   0     0   0	wed     1   2     0   0     0   0     0   0     26   26     0   0     0   0	thu   1   2   0   0   0   0   26   26   0   0   0   0   0   0	fri   1   2   0   64   40   0   0   0   0   0   0   0   0	sat   1   2   0   0   0   0   0   27   26   26   0   0   0   0   20   0
week : 3 day : mon shift : 1   prod1 : 0   prod2 : 40   prod3 : 30   prod4 : 0   prod5 : 0   prod6 : 0   prod7 : 0	tue   tue   2   1   2     0   0   0     0   40   0     0   0   0     26   0   0     0   0   0     0   0   0     0   0	wed     1   2     0   0     0   30     30   30     0   0     0   80     0   0	thu   1   2   0   0   1   0   0   0   26   0   0   0   0   0	fri   1   2   0   0   0   0   0   0   0   0   0	sat   1   2   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
prod1 : 0	tue   tue   2   1   2     0   0   64     40   0   0     30   0   14     0   0   0     0   0   0     0   0	wed     1   2     0   0     40   0     0   26     0   0     0   0	thu   1   2   0   0   0   0   0   0   40   0   40   0	fri   1   2   0   4   0   0   0   0   0   0   0   0	sat   1   2   0   0   0   0   30   0   0   26   0   0   0   0   0   0

month : May week : 1 day : shift : 1 prod1 : 0 prod2 : 0 prod3 : 30 prod4 : 0 prod5 : 70 prod6 : 10 prod7 : 0	mon   2   0   0   0   30   0   1   0   1   1   1   1   1   1	tue   1   2   0   0   30   30   0   0   71   0   13   13   0   0	wed   1   2   0   0   0   0   0   0   0   0   0   0   0   13   0   0	thu   1   2   0   0   0   30   0   0   0   12   13   0	fri   1   2   0   0   0   0   26   26   0   0   0   0	sat   1   2   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
week : 2 day : shift : 1 prod1 : ( prod2 : ( prod3 : 3( prod4 : ( prod5 : ( prod6 : ( prod7 : (	0   0   0   31   0   30   0   0	tue   1	wed   1   2   0   0   0   0   0   0   0   0   13   13   0   0	thu   1   2   0   0   0   0   30   0   0   0   0   71   13   13   0   0	fri   1   2   0   0   0   30   0   0   0   80   13   0	sat   1   2   0   0   0   0   0   0   26   0   0   0   0   13   0   0
week : 3 day : shift : 1 prod1 : ( prod2 : ( prod3 : 30 prod4 : ( prod5 : 72 prod6 : 13 prod7 : (	0   0   0   0   0   30   0   22   L   0   3   0	tue   1   2   0   0   0   0   0   0   80   0   0   0   0   0	wed   1   2   0   0   0   1   0   0   0   0   80   0   0   13   0   0	thu   1   2   0   0   0   0   0   0   0   0   13   13   0   0	fri   1   2   0   0   0   0   0   0   0   13   0   0   0   13   0   0   0   13   0   0   0   0   0   0   0   0   0	sat   1   2   0   0   0   0   30   30   0   0   0   80   0   0
prod2 : (prod3 : 30 prod4 : (prod5 : 7) prod6 : 11	0   0   0   0   0   0   0   0   L   80	tue   1   2   0   0   0   0   30   0   71   0   13   13   0   0	wed   1   2   0   0   0   0   20   0   0   0   0   0   0   0   0   0   0   0	thu   1   2   0   0   0   0   0   0   0   0   0   11   0   0   0   0	fri   1   2   0   0   0   0   0   0   13   0   0   0	sat   1   2   0   0   0   34   0   0   0   0   13   0   13   0

week : 1 day : shift : prod1 : prod2 :	mon 1   2 0   64 45   0 20   0 0   32 0   0 0   0 0   0	tue   1   2   0   64   0   0   0   0   0   0   80   0   26   0	wed   1   2   0   0   0   45   0   0   53   0   0   0   0   0	thu   1   2   38   0   0   45   0   20   0   0   0   0   16   0	fri   1   2   0   0   45   0   20   0   0   1   0   0   0   26   0   26	sat   1   2   0   0   45   0   20   0   23   0   0   0   0   26   0   0
prod3 : prod4 :	mon  1    2  0    64  37    0  0    0  0    0  20    0  0    0  0    0	tue   1   2   64   0   0   0   0   0   32   0   0   80   0   0	wed   1   2   0   0   0   45   0   0   0   0   80   0   26   0	thu   1   2   0   0   2   45   0   20   0   23   74   0   26   0   6   0	fri   1   2   0   0   13   0   0   0   0   0   76   0   0   26   0   0	sat
prod2 : prod3 :	mon  1	tue   1   2   0   0   0   0   0   0   0   80   26   26   0   0	wed   1   2   0   0   5   0   20   20   0   0   78   80   25   26   0   0	thu   1   2   0   0   0   0   0   0   80   0   26   26   0   26	fri   1   2   0   0   41   0   0   0   0   53   0   0   13   0   0   0	sat   1   2   64   0   0   0   0   0   0   0   0   26   0   0
	mon 1   2	tue   1   2   0   0   0   0   0   0   0   53   80   22   26   0   0   26	wed   1   2   0   0   0   2   10   0   0   0   80   0   26   26   0   0	thu   1   2   64   0   0   0   0   0   0   80   0   26   0   0	fri   1   2   0   0   45   45   0   0   0   0   0   0   0   2	sat   1   2   0   64   0   0   0   0   0   0   0   0   0

## Operation with flexible maintenance

```
month : January
week : 1
day
                    tue
                              wed
                                        thu
                                                 fri
          mon
                                                           sat
shift :
        1 | 2
                  1
                    | 2
                            1 | 2
                                      1
                                        | 2
                                               1
                                                  2
                                                         1
                                                           | 2
                               | 0
prod1 :
        0 | 0
                  0
                       0
                            0
                                      0
                                         | 0
                                               0
                                                     0
                                                              64
        45 |
             0
                  21 | 45
                            45
                                  0
                                     45
                                           0
                                               41
                                                    43
                                                         19
                                                               0
prod2:
        30 | 0 |
                  30
                        0
                             0
                                  0
                                      0
                                           0
                                                0
                                                     0
                                                          0
                                                               0
prod3:
         0 |
             0 i
                            23
                                  0
                                      0
                                                     0
                                                          0
prod4 :
                   0
                        0 İ
                                         İ 12
                                                0
                                                               0
                                 65
                                      0
                                          24
                                                     0 i
                                                         59
         0 | 65 |
                  57
                        0 |
                             0 |
                                                0
                                                               0
prod5:
         2 i 26 i
                             0 İ
                                       0
                                         i 20
                                                     9 j
                                                          0 |
prod6:
                   0 |
                        0 |
                                  0
                                               13
                                                               0
                                                     0 i
prod7:
         0 | 0 |
                   0 |
                        0
                             0
                                  0 |
                                      0
                                        | 28 |
                                                0 |
week: 2
day
          mon
                    tue
                              wed
                                        thu
                                                 fri
                                                           sat
shift :
                  1
                       2
                            1 |
                                      1 | 2
                                               1 |
                                                    2
                                                         1 |
                                                              2
        1 |
             2
                                 2
             0 |
prod1 :
                        0
                                 0
                                                0
         0 |
                   0
                            0
                                      0
                                           64
                                                    64 |
                                                         64
                                                              64
                                                     0 |
         0 | 42
                   0
                        0
                            13
                                  0
                                      45
                                           0
                                                0 |
                                                          0
                                                               0
prod2:
         0 | 0
                                                     0 |
prod3:
                   0
                        0 |
                             0
                                 0
                                      30
                                           0
                                                0
                                               0 |
                        0 |
        53 |
             1 |
                  52 |
                             0
                                                     0 |
                                                          0 |
prod4:
                                 0
                                     0
                                           0
                                                              31
                                                          0 |
                        0 |
                                                     0 |
        27
             0 | 0 |
                            46
                                65
                                      0
                                            0
                                               65
                                                               0
prod5 :
                   0 |
prod6 : 0 | 12 |
                             0 | 0
                                      0
                                            0
                                                0 |
                                                     0 |
                                                          0 |
                                                               0
                        0 |
                             0 | 18 |
                                      0 | 0 | 18 |
prod7 :
         0 | 0 | 0 |
                        0 |
                                                     0
                                                          0 |
week: 3
                    tue
                              wed
                                       thu
                                                 fri
day
          mon |
                                                           sat
shift:
        1 | 2
                  1
                       2
                            1
                                 2
                                      1 | 2
                                               1 |
                                                    2
                                                         1 |
                                                              2
                                                         0
        0 j 0
                  52
                       0
                            0
                                 0
                                      0
                                           0
                                               0
                                                     0
                                                              64
prod1 :
              0
                   0
                                           45
                                                               0
prod2:
         0
                       45
                            45
                                 45
                                      45
                                               44
                                                    17
                                                          0
                   0
                             0
                                 0
                                      30
                                           30
                                                0
prod3:
        30
              0
                        0
                                                     0
                                                          0
                                                               0
prod4:
         0
              0
                   0
                       22
                             0
                                 22
                                      0
                                           22
                                                0
                                                     0
                                                          0
                                                              31
prod5 :
        65 I
             0
                   0
                        0
                             0
                                 0
                                      0
                                           0
                                                2
                                                     0
                                                         65
                                                               0
prod6 :
        26 | 24 |
                  18 |
                        0
                             0
                                  0
                                      0
                                           0
                                                0 |
                                                     0
                                                          0
                                                               0
         0 |
                   0 |
                        0 |
                             0 |
                                  0 |
                                      0
                                           0 |
                                                0 |
                                                     0 |
                                                         18
prod7 :
             0 |
week: 4
day
          mon
                    tue
                              wed
                                        thu
                                                 fri
                                                           sat
shift: 1 | 2
                | 1
                     | 2
                            1
                              | 2
                                     1
                                        | 2
                                               1
                                                  | 2
                                                         1 | 2
                | 64 | 0
        0 i 0
                                0
                          j 0
                                    j 0
                                         j 0
                                               0
prod1:
                                                  42
                                 45
prod2:
         0 | 45
                   0
                     ĺ
                            42
                                      0
                                          45
                                               45
                                                     1 |
                                                          0
                                                              45
              0
                            30
                                 30
                                      30
                                            0
                                                0
                                                     0
                                                               0
prod3:
        30 I
                   0
                        0
                                                          0
prod4:
         0 I
              0
                  31
                        0
                             0
                                  0
                                      0
                                            0
                                                0
                                                     0
                                                          0
                                                               0
        65 I
              0
                   0
                             0
                                  0
                                      65
                                            0
                                                     0
                                                         65
                                                               0
prod5:
                        0
                                                0
prod6:
         0
              0
                   0
                       12
                            12
                                  0
                                      0
                                            0
                                                0
                                                    26
                                                          0
              0 |
                   0 |
                                  0
                                      0
                                            0
prod7:
                       0 |
                             0 |
                                                         18
```

month: week: day: shift: prod1: prod2: prod3: prod4: prod5: prod6: prod7:	Febru 1 mo 1   0   0   30   72   0   0		tu 1 64 0 0 0 0 0	ue     2     0     0     0     26	We 1   1   64   0   0   0   0   0   0   0   0   0	ed   2   64   0   0   0   0   0   0	th 1   0   0   0   0   0   0   26   0	nu   2   64   0   0   0   0   0   0   0	fr 1   0   0   30   0   0   0	2 0 42 0 0 0 12	Sa   1     64     0     14     0     0	at     2     0     45     0     0     1	
week : day : shift : prod1 : prod2 : prod3 : prod4 : prod5 : prod6 : prod7 :	2 mo 1   0   30   72   26   0	n   2   64   0   0   0   0   0   0	1 0 45 6 0 0	ue     2     0     45     0     1     0	W6 1   0   0   0   0   0   0   0	ed   2   0   45   0   0   0   0   1	th 1   0   0   0   0   0   0   0   0   0	nu   2   0   45   0   0   0   1   0	fr 1   0   42   0   0   12   0	7i 2 0 0 0 0 78 0 0 0	sa   1     0     42     0     0     11	at   2   0   0   0   0   0   0   0   0   0	
week : day : shift : prod1 : prod2 : prod3 : prod4 : prod5 : prod6 : prod7 :	3 mo 1   0   0   0   78   26   2	n   2   0   0   0   1   78   0   0   0	1 0 17 0 0 0 0 0	ue   2   0   0   0   0   0   1   26   0   0	We 1   64   0   0   0   0   0   0	ed   2   0   0   30   0   0   0   0	th	nu   2   0   0   0   0   0   0   0   0   0	fr 1   0   0   0   0   0   0   0   0   0	2 0 45 30 0 0 0 0	Saal	at     2     0     0     0     0     26	
week : day : shift : prod1 : prod2 : prod3 : prod4 : prod5 : prod6 : prod7 :	4 mo 1   63   0   0   0   0   0   0	2	1 0 0 0 0 21 0 40	ue     2     0     45     0     0	We 1   1   0   0   0   0   0   0   0   0	ed   2   64   0   0   0   0   0   0   0	th 1   0   0   0   0   0   0   0   0   0	nu   2   0   42   0   0   0   12   0	fr 1   0   0   0   0   26   0	2 0 0 30 0 0 26 0	Sa   1     0     0     0     0	at   2   0   0   0   0   0   17   37	

month : Mark week : 1 day : r shift : 1 prod1 : 0 prod2 : 45 prod3 : 20 prod4 : 0 prod5 : 1 prod6 : 1 prod7 : 0	ch non     2   1   0   6   45   18   0   6   0   6   0   46   2   6   0   11	45   6   0   6   0   6   0   43	0   0   0   0   0   0   8   0	thu 1   2 0   0 0   0 0   0 0   0 0   0 0   0 0   26	fri   1   2   0   0   0   45   0   0   0   0   0   1   26   0   0   0	sat   1   2   0   0   0   0   0   0   0   0   0
week : 2 day : r shift : 1 prod1 : 53 prod2 : 2 prod3 : 0 prod4 : 0 prod5 : 0 prod6 : 16 prod7 : 1	non	11   6   0   6   0   6   0   6	0   0   0   0   0   0   0   0	thu  1    2  0    53  0    7  0    0  0    0  0    0  0    3  18    0	fri   1   2   0   0   0   45   0   0   0   0   0   1   26   0   18   0	sat   1   2   0   0   45   23   0   20   23   0   0   51   0   0   0
week : 3 day : r shift : 1 prod1 : 0 prod2 : 42 prod3 : 0 prod4 : 0 prod5 : 0 prod6 : 12 prod7 : 0	non	0   45   0   6   0   6   0   6	5   0   0   0   0   0   0   0	thu  1    2  0    0  0    45  0    0  51    0  26    2  0    0	fri   1   2   39   48   17   0   0   0   29   0   0   26   0   0	sat
week : 4 day : r shift : 1 prod1 : 0 prod2 : 26 prod3 : 0 prod4 : 0 prod5 : 43 prod6 : 0 prod7 : 1	non	0   45   0   6   0   6   0   6	5   0   0   0   0   0   0   0	thu  1    2  0    0  45    0  0    0  23    0  0    47  0    26  0    0	fri   1   2   64   0   0   10   0   0   25   0   0   77   0   2   0   0	sat   1   2   0   0   0   0   0   0   0   0   0

month : April week : 1 day : mon shift : 1   2 prod1 : 0   0 prod2 : 0   0 prod3 : 0   0 prod4 : 0   0 prod5 : 0   0 prod6 : 0   0 prod7 : 0   0	tue   1   2   0   0   0   0   0   0   0   0   0   0	wed   1   2   0   0   0   0   0   0   0   0   0   0	thu   1   2   0   0   0   0   0   0   0   0   0   0	fri   1   2   0   0   0   0   0   0   0   0   0   0	sat   1   2   1   0   0   0   0   0   0   0   0   0
<pre>week : 2 day : mon shift : 1   2 prod1 : 0   0 prod2 : 0   0 prod3 : 0   0 prod4 : 0   0 prod5 : 0   0 prod6 : 0   0 prod7 : 0   0</pre>	tue   1   2   0   0   0   0   0   0   0   0   0   0	wed   1   2   0   0   0   0   0   0   0   0   0   0	thu   1   2   0   0   0   0   0   0   0   0   0   0	fri   1   2   0   0   0   0   0   0   0   0   0   0	sat
<pre>week : 3 day : mon shift : 1   2 prod1 : 0   0 prod2 : 0   0 prod3 : 0   0 prod4 : 0   0 prod5 : 0   0 prod6 : 0   0 prod7 : 0   0</pre>	tue   1   2   0   0   0   0   0   0   0   0   0   0	wed   1   2   0   0   0   0   0   0   0   0   0   0	thu   1   2   0   0   0   0   0   0   0   0   0   0	fri   1   2   0   0   0   0   0   0   0   0   0   0	sat
<pre>week : 4 day : mon shift : 1   2 prod1 : 0   0 prod2 : 0   0 prod3 : 0   0 prod4 : 0   0 prod5 : 0   0 prod6 : 0   0 prod7 : 0   0</pre>	tue   1   2   0   0   0   0   0   0   0   0   0   0	wed	thu   1   2   0   0   0   0   0   0   0   0   0   0	fri   1   2   0   0   0   0   0   0   0   0   0   0	sat

prod4 :	-	tue   1   2   0   0   0   0   30   30   0   0   44   0   13   13   0   0	wed   1   2   0   0   0   0   0   30   0   0   0   48   13   2   0   0	thu 1   2 0   0 0   0 0   0 0   26 48   0 0   0 0   0	fri   1   2   0   0   0   0   30   0   0   0   0   0   13   13   0   0	sat   1   2   0   0   0   0   0   0   26   0   0   44   0   13   0   0
prod4 :	mon  1	tue   1   2   0   0   4   0   0   30   0   0   0   0   12   0	wed   1   2   0   0   0   0   0   0   17   0   0   48   4   0	thu 1   2 0   0 0   0 0   0 0   0 13   13 0   0	fri   1   2   0   0   0   0   30   0   0   0   48   48   0   0	sat   1   2   0   0   0   30   0   0   0   31   10   0   13   0   0
<pre>prod1 : prod2 : prod3 : prod4 :</pre>	mon  1	tue   1   2   0   0   0   0   0   30   0   0   48   0   0   13	wed   1   2   0   0   0   22   0   0   0   0   48   0   0   0	thu 1   2 0   0 0   0 0   0 0   0 0   48 0   8 0   0	fri   1   2   0   0   0   22   0   0   0   0   0   0	sat   1   2   0   0   0   30   0   0   48   0   0   13   0   0
<pre>prod1 : prod2 : prod3 : prod4 :</pre>	mon  1   2  0   0  0   21  30   0  0   0  44   0  13   6  0   0	tue   1   2   0   0   0   0   0   0   0   48   0   8	wed   1   2   0   0   0   0   0   30   0   0   0   44   13   13	thu 1   2 0   0 22   0 0   30 0   0 0   0 0   0 13 0   0	fri   1   2   0   0   0   0   0   0   48   48   0   0	sat

month : June week : 1 day : mo shift : 1   prod1 : 0   prod2 : 1   prod3 : 14   prod4 : 0   prod5 : 79   prod6 : 26   prod7 : 0	on   t 2   1 0   0 45   0 0   0 22   0 0   76 0   26 0   0	ue     2   1   0   6   45   6   0   6   0   6   0   6		0	1    0   0    0   0    0   0    0   76    6   0	ri     2     0     0     0     56     26	sa 1   0   0   0   76   26   0	at   2   0   0   17   0   76   26   0
week : 2 day : mc shift : 1   prod1 : 0   prod2 : 0   prod3 : 17   prod4 : 53   prod5 : 38   prod6 : 0   prod7 : 0	on   t 2   1 0   64 24   0 0   0 0   0 0   0 18   0 22   0	ue     2   1   0   64   0   6   17   6   0   6   76   6   26   6	45   45   0   23   0   0	0     1     76     26	1	ri     2     0     45     0     23     0	sa 1   56   0   0   34   0   0	at   2   0   0   0   1   0   26   0
week : 3 day : mc shift : 1   prod1 : 0   prod2 : 7   prod3 : 17   prod4 : 0   prod5 : 74   prod6 : 24   prod7 : 0	on   t 2   1 0   57 0   0 0   0 0   0 0   0 26   17 22   0	ue	42   0   0   0   0   12	17     1   3   0     12	1	ri     2     0     0     17     0     26     0	sa 1   0   42   0   0   0   12   0	at   2   0   0   0   0   1   0   0   0   0
week : 4 day : mc shift : 1   prod1 : 0   prod2 : 9   prod3 : 0   prod4 : 0   prod5 : 73   prod6 : 19   prod7 : 0	on   t 2   1 57   64 0   0 0   0 0   32 0   0 17   0 0   0	ue     2   1   0   6   0   15   0   6   0   71   26   6   0   6	0 0   0 0   0 1   76 0   26	45   4   0     23     0     0	1   0   1	ri     2     0     0     0     76     26	sa 1   0   0   17   26   0   0	at   2   0   0   0   0   76   1   2