

ISTMA

BUSINESS CONDITIONS REPORT

For six-month period ending June 30th, 2023

Results compiled by: ISTMA World Secretariat August 24th, 2023

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GLOBAL SUMMARY

15 Countries

Brazil Poland
Czech Republic Portugal
Estonia Slovenia
Finland South Africa
Germany Spain
Italy Switzerland

Japan Turkey

Mexico



210 answers Business profile

Main activity

Moulds	62	%
Dies	22	%
Precision Machining	16	%



Size (tons)

Small / Medium (< 10 tons)	77 %
Large (> 10 tons)	21 %

4 companies didn't provide answer

Future work currently on order books (in weeks)

1 - 4 weeks	21 %
5 - 8 weeks	28 %
9 - 12 weeks	23 %
+ 12 weeks	28 %

GLOBAL SUMMARY

People & work

Total number of skilled employees 13 888

Current average work week per skilled employee
Until 40 hours 49 %
Between 40 - 50 hours 47 %

Over 50 hours 1%

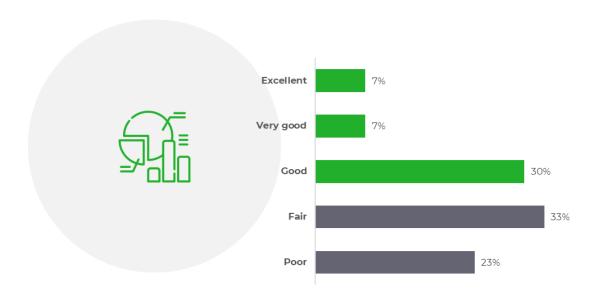
5 companies didn't provide a valid answer



Number of working shifts

1 shift	51 %
2 shifts	37 %
3 shifts	12 %

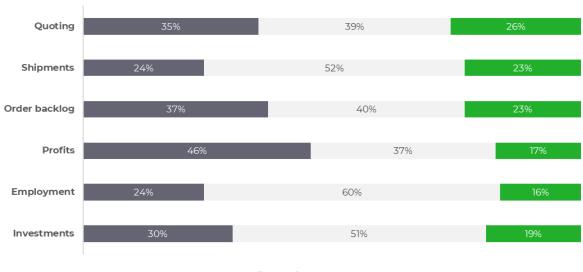
Current business conditions



GLOBAL SUMMARY

Current business conditions

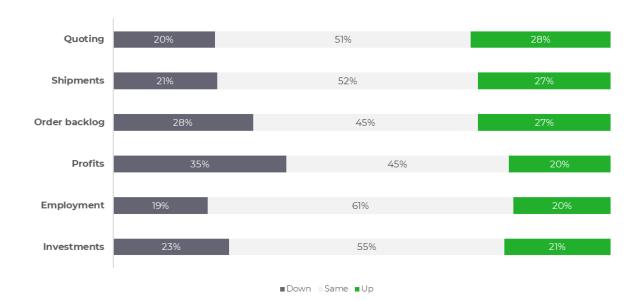
Compared with last semester



■ Down ■ Same ■ Up

Projected business conditions

Over six months



Brazil



55 answers **Business profile**

Main activity

Moulds	78 %
Dies	18 %
Precision Machining	4 %
1 company didn't provide answer	

Size (tons)

Small / Medium (< 10 tons)	62 %
Large (> 10 tons)	36 %

1 company didn't provide answer

Future work currently on order books (in weeks)

1 - 4 weeks	22 %
5 - 8 weeks	22 %
9 - 12 weeks	22 %
+ 12 weeks	35 %

People & work

	ota	I num	ber (ot s	kille	d emp	loyees	3 81	0
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Current average work week per skilled er	nployee
Until 40 hours	27 %
Between 40 - 50 hours	67 %
Over 50 hours	0 %

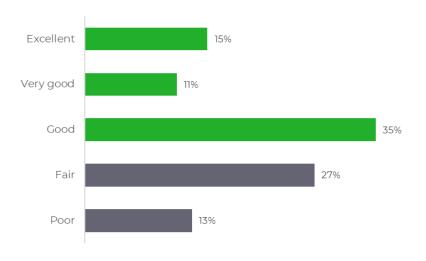
3 companies didn't provide answer

1 shift	27 %
2 shifts	55 %
3 shifts	18 %

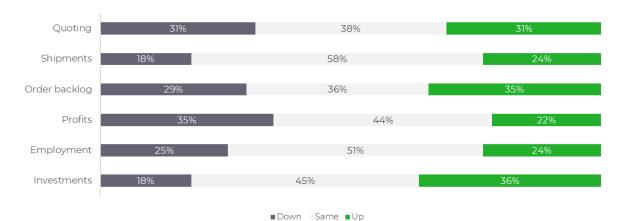
Brazil

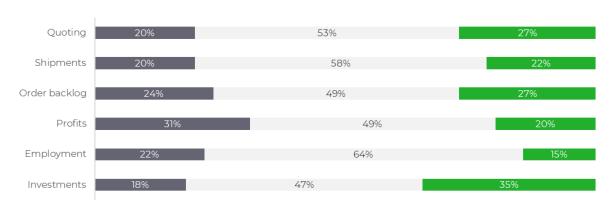
Current business conditions





Compared with last semester





Czechia



7 answers **Business profile**

Main activity

Moulds	29 %
Dies	57 %
Precision Machining	14 %

Size (tons)

Small / Medium (< 10 tons)	43 %
Large (> 10 tons)	57 %

Future work currently on order books (in weeks)

1 - 4 weeks	0 %
5 - 8 weeks	43 %
9 - 12 weeks	29 %
+ 12 weeks	29 %

People & work

Total number of skilled employees	869

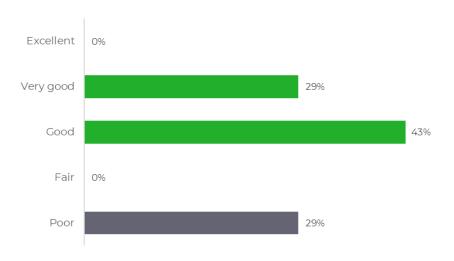
Current average work week per skil	led employee
Until 40 hours	71 %
Between 40 - 50 hours	29 %
Over 50 hours	0 %

1 shift	14 %
2 shifts	57 %
3 shifts	29 %

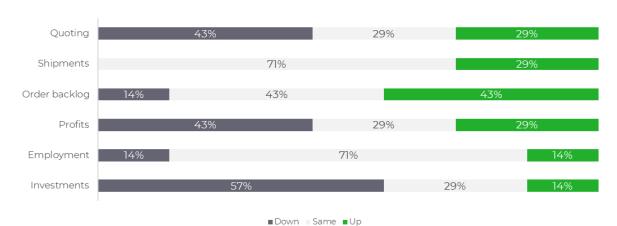
Czechia

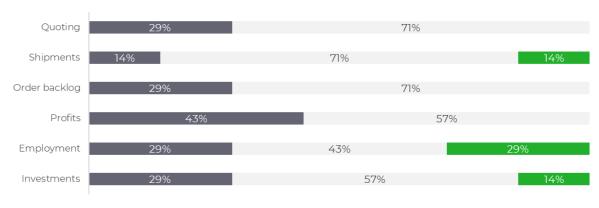
Current business conditions





Compared with last semester





Estonia



6 answers **Business profile**

Main activity

Moulds	100 %
Dies	0 %
Precision Machining	0 %

Size (tons)

Small / Medium (< 10 tons)	100 %
Large (> 10 tons)	0 %

Future work currently on order books (in weeks)

1 - 4 weeks	17 %
5 - 8 weeks	17 %
9 - 12 weeks	33 %
+ 12 weeks	33 %

People & work

Total number of skilled employees	161

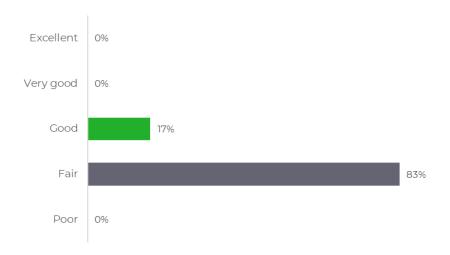
Current average work week per skille	d employee
Until 40 hours	83 %
Between 40 - 50 hours	17 %
Over 50 hours	0 %

1 shift	50 %
2 shifts	33 %
3 shifts	17 %

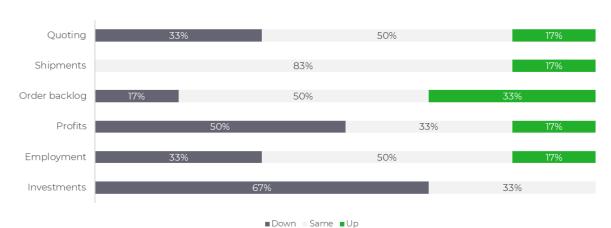
Estonia

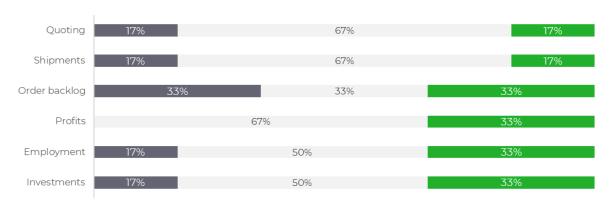
Current business conditions





Compared with last semester





Finland



4 answers **Business profile**

Main activity

Moulds	25 %
Dies	0 %
Precision Machining	75 %

Size (tons)

Small / Medium (< 10 tons)	75 %
Large (> 10 tons)	25 %

Future work currently on order books (in weeks)

1 - 4 weeks	0 %
5 - 8 weeks	50 %
9 - 12 weeks	25 %
+ 12 weeks	25 %

People & work

Total number of skilled employees	137

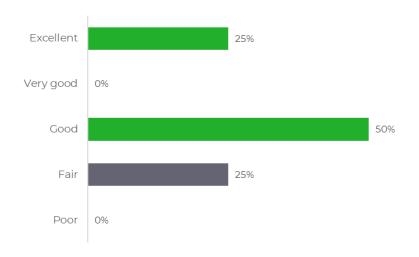
Current average work week per skilled	d employee
Until 40 hours	100 %
Between 40 - 50 hours	0 %
Over 50 hours	0 %

1 shift	25 %
2 shifts	50 %
3 shifts	25 %

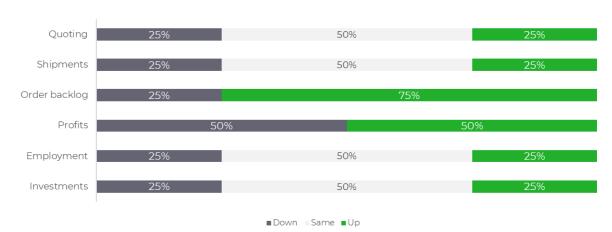
Finland

Current business conditions





Compared with last semester





Germany



9 answers **Business profile**

Main activity

Moulds	33 %
Dies	44 %
Precision Machining	22 %

Size (tons)

Small / Medium (< 10 tons)	67 %
Large (> 10 tons)	33 %

Future work currently on order books (in weeks)

1 - 4 weeks	11 %
5 - 8 weeks	22 %
9 - 12 weeks	56 %
+ 12 weeks	11 %

People & work

Total number of skilled employees 15	8	3	5
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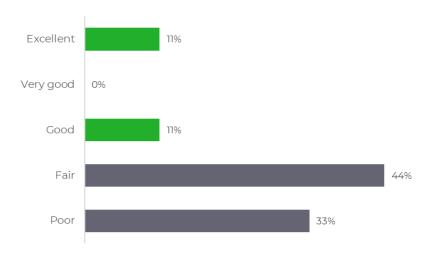
Current average work week per skilled	d employee
Until 40 hours	100 %
Between 40 - 50 hours	0 %
Over 50 hours	0 %

1 shift	11 %
2 shifts	78 %
3 shifts	11 %

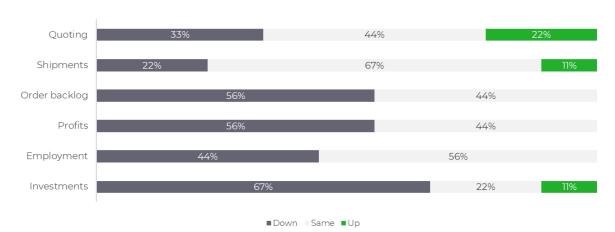
Germany

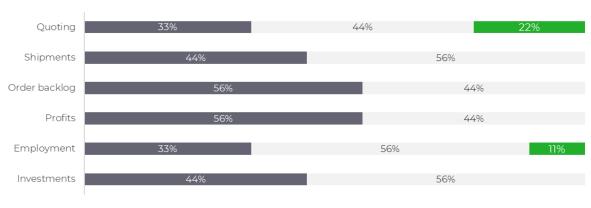
Current business conditions





Compared with last semester





Italy



5 answers **Business profile**

Main activity

Moulds	40 %
Dies	40 %
Precision Machining	20 %

Size (tons)

Small / Medium (< 10 tons)	80 %
Large (> 10 tons)	20 %

Future work currently on order books (in weeks)

1 - 4 weeks	20 %
5 - 8 weeks	20 %
9 - 12 weeks	0 %
+ 12 weeks	60 %

People & work

Total number of skilled employees	110	J)
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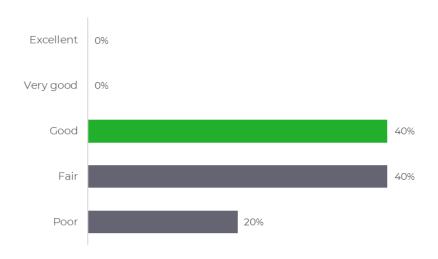
Current average work week per skilled	employee
Until 40 hours	100 %
Between 40 - 50 hours	0 %
Over 50 hours	0 %

1 shift	80 %
2 shifts	20 %
3 shifts	0 %

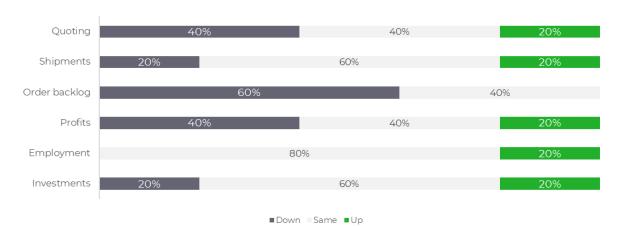
Italy

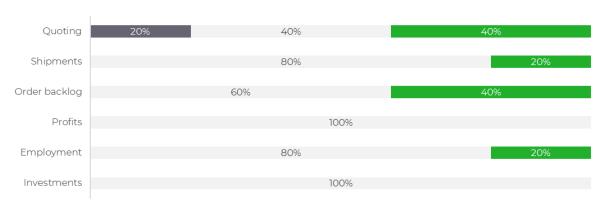
Current business conditions





Compared with last semester





Japan



29 answers **Business profile**

Main activity

Moulds	59 %
Dies	31 %
Precision Machining	10 %

Size (tons)

Small / Medium (< 10 tons)	83 %
Large (> 10 tons)	17 %

Future work currently on order books (in weeks)

1 - 4 weeks	24 %
5 - 8 weeks	34 %
9 - 12 weeks	21 %
+ 12 weeks	21 %

People & work

Total number of skilled employees

-	
Current average work week p	per skilled employee
Until 40 hours	72 %

2 395

Offili 40 flours	12 /0
Between 40 - 50 hours	24 %
Over 50 hours	0 %

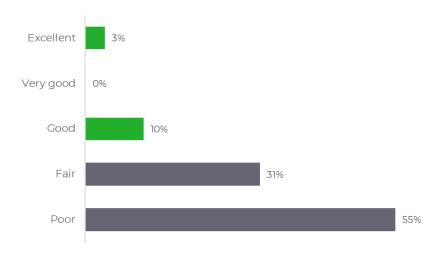
1 company didn't provide a valid answer

1 shift	72 %
2 shifts	24 %
3 shifts	3 %

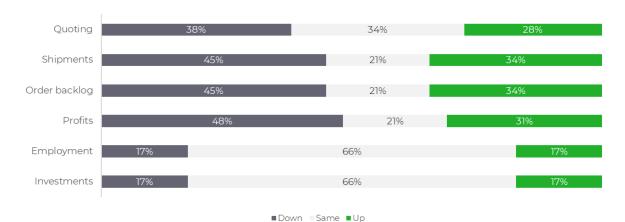
Japan

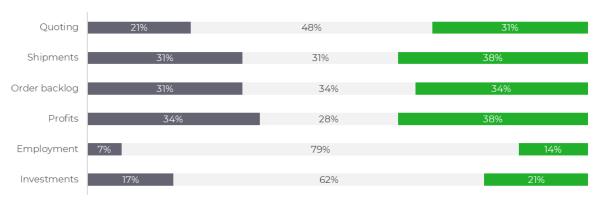
Current business conditions





Compared with last semester





Mexico



23 answers Business profile

Main activity

Moulds	48 %
Dies	39 %
Precision Machining	13 %

Size (tons)

Small / Medium (< 10 tons)	96 %
Large (> 10 tons)	4 %

Future work currently on order books (in weeks)

1 - 4 weeks	39 %
5 - 8 weeks	26 %
9 - 12 weeks	9 %
+ 12 weeks	26 %

People & work

	ota	numi	ber c	ot s	KIII	ed	emp	loyees	3	25
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Current average work week per skilled	d employee
Until 40 hours	17 %
Between 40 - 50 hours	74 %
Over 50 hours	4 %

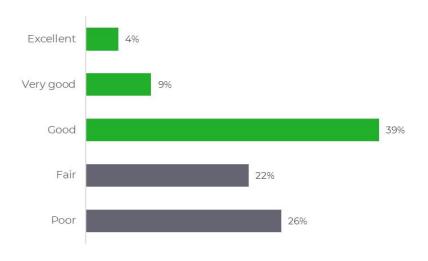
1 company didn't provide a valid answer

1 shift	48 %
2 shifts	43 %
3 shifts	9 %

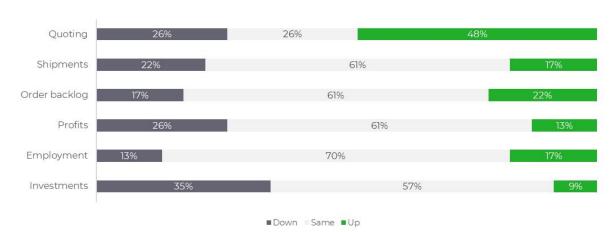
Mexico

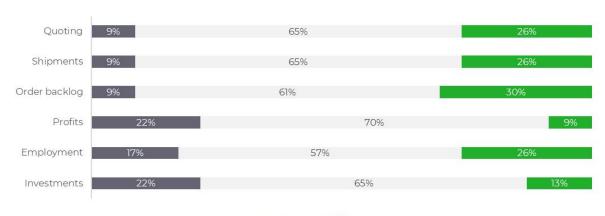
Current business conditions





Compared with last semester





Poland



2 answers **Business profile**

Main activity

Moulds	100 %
Dies	0 %
Precision Machining	0 %

Size (tons)

Small / Medium (< 10 tons)	100 %
Large (> 10 tons)	0 %

Future work currently on order books (in weeks)

1 - 4 weeks	0 %
5 - 8 weeks	0 %
9 - 12 weeks	50 %
+ 12 weeks	50 %

People & work

Total number of skilled employees

. 3	
Current average work week per s	skilled employee
Until 40 hours	100 %
Between 40 - 50 hours	0 %
Over 50 hours	0 %
Over 50 nours	0 9

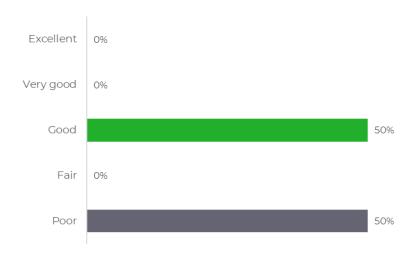
150

1 shift	0 %
2 shifts	50 %
3 shifts	50 %

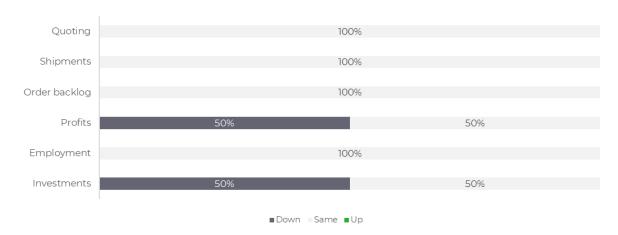
Poland

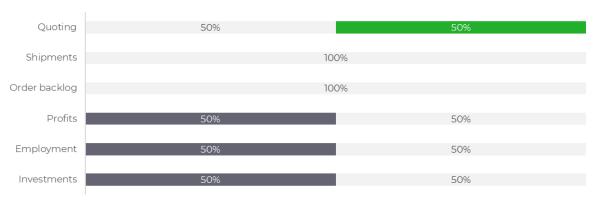
Current business conditions





Compared with last semester





Portugal



22 answers Business profile

Main activity

Moulds	100 %
Dies	0 %
Precision Machining	0 %

Size (tons)

Small / Medium (< 10 tons)	77 %
Large (> 10 tons)	18 %

1 company didn't provide answer

Future work currently on order books (in weeks)

1 - 4 weeks	18 %
5 - 8 weeks	23 %
9 - 12 weeks	41 %
+ 12 weeks	18 %

People & work

lotal num	ber of	skilled	employees	1 146
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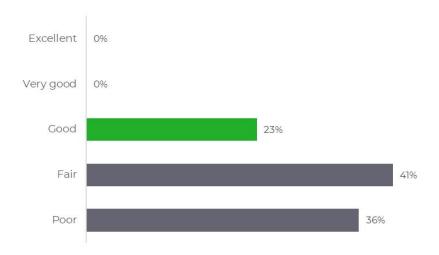
Current average work week per skilled employee Until 40 hours 77 % Between 40 - 50 hours 23 % Over 50 hours 0 %

1 shift	77 %
2 shifts	23 %
3 shifts	0 %

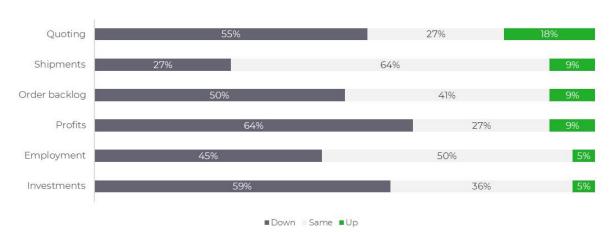
Portugal

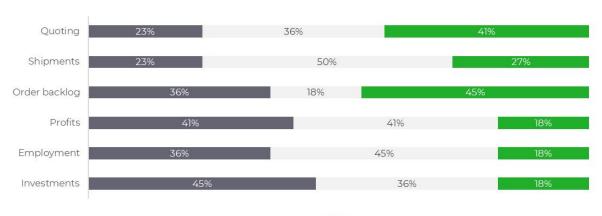
Current business conditions





Compared with last semester





Slovenia



2 answers Business profile

Main activity

Moulds	100 %
Dies	0 %
Precision Machining	0 %

Size (tons)

Small / Medium (< 10 tons)	100 %
Large (> 10 tons)	0 %

Future work currently on order books (in weeks)

1 - 4 weeks	50 %
5 - 8 weeks	50 %
9 - 12 weeks	0 %
+ 12 weeks	0 %

People & work

Total number of skilled employees 15

Current average work week per skilled employee
Until 40 hours

Between 40 - 50 hours

Over 50 hours

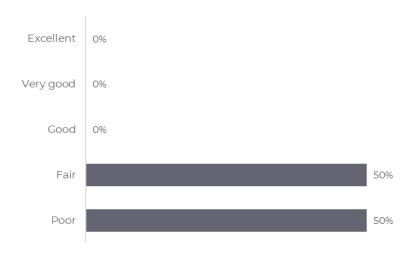
0 %

1 shift	100 %
2 shifts	0 %
3 shifts	0 %

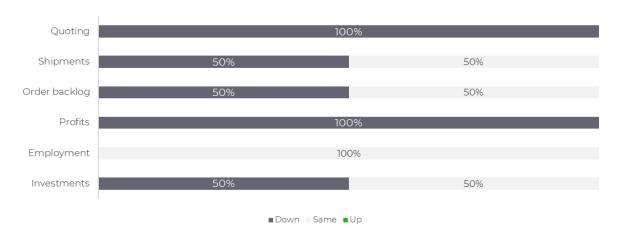
Slovenia

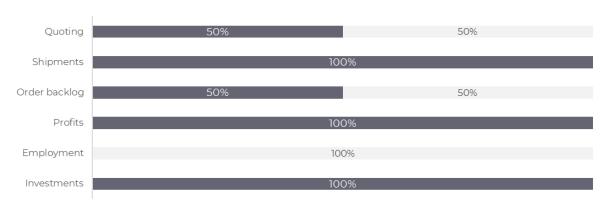
Current business conditions





Compared with last semester





South Africa



16 answers **Business profile**

Main activity

Moulds	19 %
Dies	6 %
Precision Machining	75 %

Size (tons)

Small / Medium (< 10 tons)	94 %
Large (> 10 tons)	6 %

Future work currently on order books (in weeks)

1 - 4 weeks	19 %
5 - 8 weeks	38 %
9 - 12 weeks	31 %
+ 12 weeks	13 %

People & work

Total number of skilled employees

Current average work week per skilled er	nployee
Until 40 hours	50 %
Between 40 - 50 hours	44 %
Over 50 hours	6 %

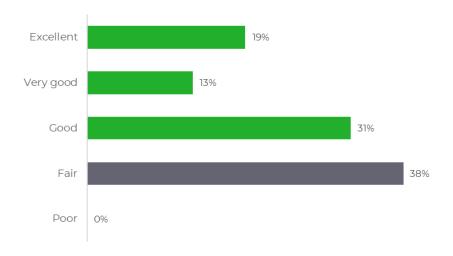
296

1 shift	69 %
2 shifts	25 %
3 shifts	6 %

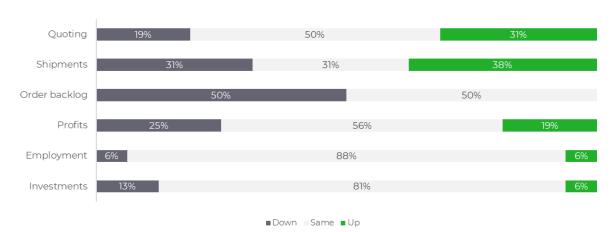
South Africa

Current business conditions





Compared with last semester





Spain



2 answers **Business profile**

Main activity

Moulds	50 %
Dies	0 %
Precision Machining	50 %

Size (tons)

Small / Medium (< 10 tons)	100 %
Large (> 10 tons)	0 %

Future work currently on order books (in weeks)

1 - 4 weeks	50 %
5 - 8 weeks	50 %
9 - 12 weeks	0 %
+ 12 weeks	0 %

People & work

Total number of skilled employees	

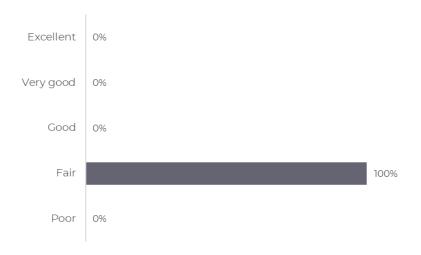
Current average work week per skilled	l employee
Until 40 hours	50 %
Between 40 - 50 hours	50 %
Over 50 hours	0 %

1 shift	50 %
2 shifts	50 %
3 shifts	0 %

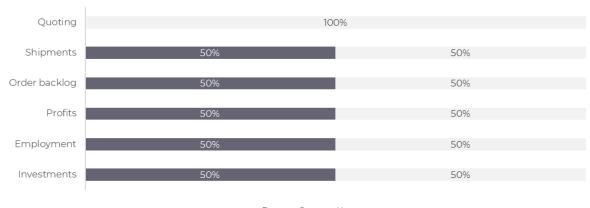
Spain

Current business conditions





Compared with last semester



■ Down ■ Same ■ Up

Projected business conditions over six months



■ Down ■ Same ■ Up

Switzerland



18 answers **Business profile**

Main activity

Moulds	44 %
Dies	22 %
Precision Machining	33 %

Size (tons)

Small / Medium (< 10 tons)	94 %
Large (> 10 tons)	0 %

1 company didn't provide answer

Future work currently on order books (in weeks)

1 - 4 weeks	11 %
5 - 8 weeks	39 %
9 - 12 weeks	11 %
+ 12 weeks	39 %

People & work

Total number of skilled employees 1 486

Current average work week per skilled employee
Until 40 hours

22 %
Between 40 - 50 hours

78 %

Over 50 hours

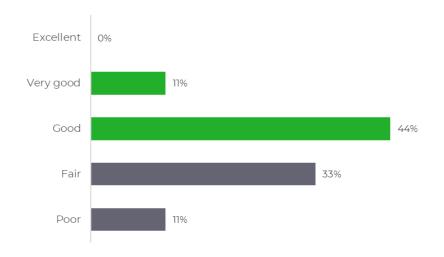
0 %

1 shift	72 %
2 shifts	17 %
3 shifts	11 %

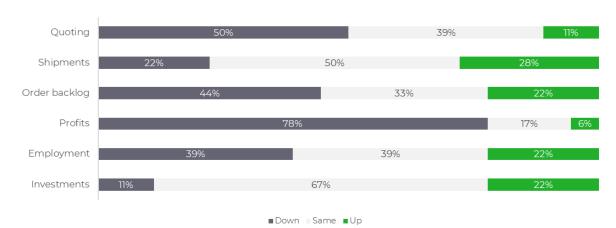
Switzerland

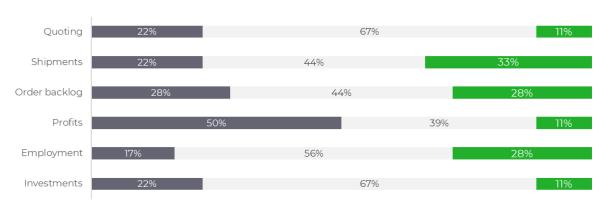
Current business conditions





Compared with last semester





Turkey



10 answers **Business profile**

Main activity

Moulds	70 %
Dies	30 %
Precision Machining	0 %

Size (tons)

Small / Medium (< 10 tons)	50 %
Large (> 10 tons)	40 %

1 company didn't provide answer

Future work currently on order books (in weeks)

1 - 4 weeks	30 %
5 - 8 weeks	20 %
9 - 12 weeks	10 %
+ 12 weeks	40 %

People & work

Total number of skilled employees 1362

Current average work week per skilled employee
Until 40 hours

Between 40 - 50 hours

Over 50 hours

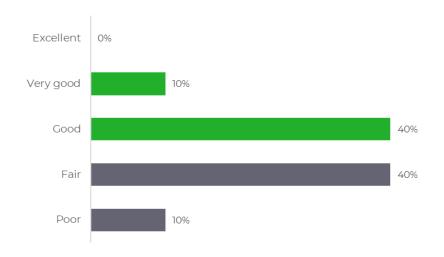
10 %

1 shift	60 %
2 shifts	10 %
3 shifts	30 %

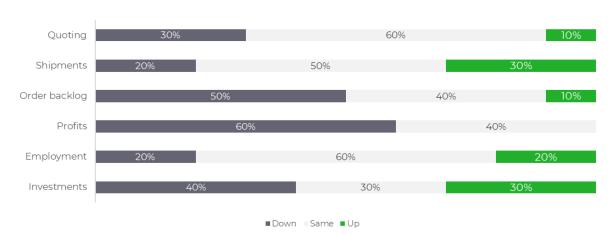
Turkey

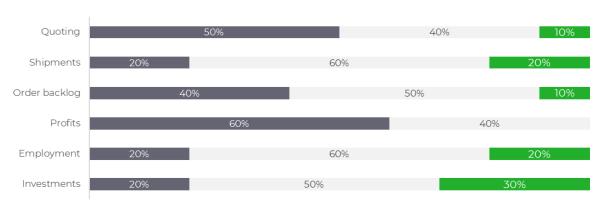
Current business conditions





Compared with last semester





AHP Merkle

Mouldmaking







	DOWN	SAME	UP
Brazil	•	•	•
Canada	•	•	•
China	•	•	•
Czech Republic	•	•	•
Estonia	•	•	•
Finland	•	•	•
Germany	•	•	•
Italy	•	•	•
Japan	•	•	•
Mexico		•	
Portugal	•	•	•
Slovenia	•	•	•
South Africa	•	•	•
Sweden	•	•	•
Switzerland	•	•	•
Turkey	•	•	•
United Kingdom	•	•	•
USA	•	•	•

AHP Merkle

Diemaking





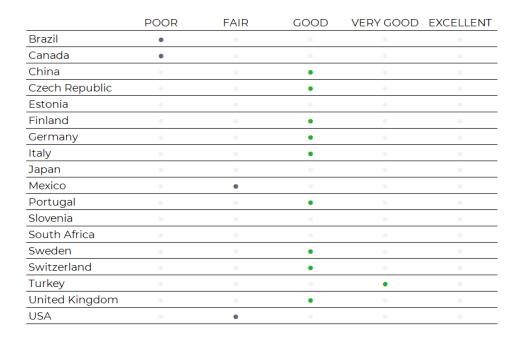


	DOWN	SAME	UP
Brazil	•	•	•
Canada	•	•	•
China	•	•	•
Czech Republic	•	•	•
Estonia	•	•	•
Finland	•	•	•
Germany	•	•	•
Italy	•	•	•
Japan	•	•	•
Mexico		•	
Portugal	•	•	•
Slovenia	•	•	•
South Africa	•	•	•
Sweden		•	
Switzerland	•	•	•
Turkey	•	•	•
United Kingdom	•	•	•
USA	•	•	•

AHP Merkle

Precision Machining

Current business conditions





	DOWN	SAME	UP
Brazil	•	•	•
Canada	•	•	•
China	•	•	•
Czech Republic	•	•	•
Estonia	•		•
Finland	•	•	•
Germany	•	•	•
Italy	•		•
Japan	•	•	•
Mexico	•	•	•
Portugal	•	•	•
Slovenia			
South Africa	•	•	•
Sweden	•	•	•
Switzerland	•	•	•
Turkey	•	•	•
United Kingdom	•	•	•
USA	•	•	•

DMG MORI

Mouldmaking

Current business conditions

	POOR	FAIR	GOOD	VERY GOOD	EXCELLENT
Brazil	•	•	•	•	•
Canada	•	•	•	•	•
China		•	•	•	•
Czech Republic	•	•	•	•	•
Estonia	•	•	•	•	•
Finland	•	•	•	•	•
Germany	•	•	•	•	•
Italy	•	•	•	•	•
Japan	•	•	•	•	•
Mexico	•	•	•	•	•
Portugal	0	•	•	•	•
Slovenia	•	•	•	•	•
South Africa	0	•	•	•	•
Sweden	•	•	•	•	•
Switzerland	0	•	•	•	•
Turkey	•	•	•	•	•
United Kingdom	•	•	•	•	•
USA	•	•	•	•	•

DMG MORI

Business conditions forecast

	DOWN	SAME	UP
Brazil	•	•	•
Canada	•	•	•
China	•	•	
Czech Republic	•	•	•
Estonia	•	•	0
Finland	•		0
Germany	•	•	•
Italy	•		0
Japan	•	•	
Mexico	•	•	
Portugal	•		0
Slovenia	•	•	
South Africa	•		0
Sweden	•	•	•
Switzerland	•	•	0
Turkey	•	•	•
United Kingdom	•	•	•
USA	•	•	0

The company didn't provide a forecast

DMG MORI

Precision Machining

Current business conditions

	POOR	FAIR	GOOD	VERY GOOD	EXCELLENT
Brazil		•	•	•	
Canada	0	•	•	•	•
China				•	
Czech Republic	0	•	•	•	•
Estonia					
Finland		•	•	•	
Germany				•	
Italy	0	•		•	0
Japan	0	•	•	•	•
Mexico		•			
Portugal	0	•	0	•	0
Slovenia	0	•	0	•	•
South Africa	0	0	0	•	0
Sweden			•		
Switzerland	0	•	0	•	
Turkey	0	•	0	•	•
United Kingdom	0	•	•	•	0
USA	0	•	•	•	0

DMG MORI

	DOWN	SAME	UP
Brazil	•	•	•
Canada		•	
China	•		
Czech Republic	•	•	•
Estonia	•	•	•
Finland	•	•	•
Germany	•	•	•
Italy	•	•	•
Japan	•	•	•
Mexico			•
Portugal	•	•	•
Slovenia	•	•	•
South Africa	•	•	•
Sweden		•	
Switzerland	•	•	•
Turkey	•	•	•
United Kingdom	•	•	•
USA	•	•	•

Makino

Mouldmaking

Current business conditions

	POOR	FAIR	GOOD	VERY GOOD	EXCELLENT
Brazil	•	•	•	•	•
Canada	0	•	0	•	0
China	0	•	0	•	0
Czech Republic	0	•	0	•	•
Estonia	0	•		•	•
Finland	•	•	•	•	•
Germany	•	•	0	•	0
Italy	•	•	•	•	•
Japan	•	•	•	•	•
Mexico	0	•	•	•	•
Portugal	•	•	•	•	•
Slovenia	0	•	0	•	•
South Africa	•	•	•	•	•
Sweden	0	•	0	•	•
Switzerland	•	•	•	•	•
Turkey	•	•	•	•	•
United Kingdom		•	•	•	•
USA	•	•	•	•	•

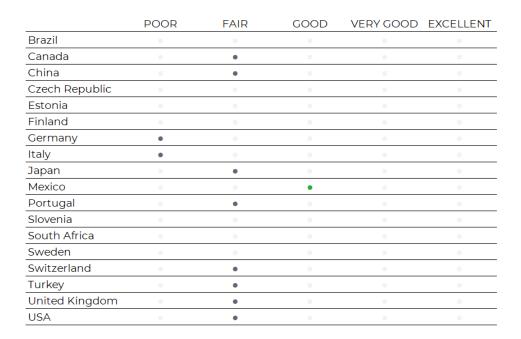


	DOWN	SAME	UP
Brazil	•	•	•
Canada	•	•	•
China	•	•	•
Czech Republic	•	•	•
Estonia			
Finland	•	•	•
Germany	•	•	•
Italy	•	•	•
Japan	•	•	•
Mexico		•	
Portugal	•	•	•
Slovenia			
South Africa	•	•	•
Sweden			
Switzerland	•	•	•
Turkey	•	•	•
United Kingdom	•	•	•
USA	•	•	•

Makino

Diemaking

Current business conditions





	DOWN	SAME	UP
Brazil	•	•	•
Canada	•	•	•
China	•		
Czech Republic	•	•	•
Estonia	•	•	•
Finland	•	•	•
Germany	•	•	•
Italy	•	•	•
Japan	•	•	•
Mexico		•	
Portugal	•	•	•
Slovenia			
South Africa	•	•	•
Sweden			
Switzerland	•	•	•
Turkey	•	•	•
United Kingdom	•	•	•
USA	•	•	•

Makino

Precision Machining

Current business conditions

	POOR	FAIR	GOOD	VERY GOOD	EXCELLENT
Brazil	•		•	•	0
Canada	•	•	•	•	•
China	0	•	•	•	•
Czech Republic	•	•	•	•	•
Estonia	•	•	•	•	•
Finland	•	•	•	•	•
Germany	•	•	•	•	•
Italy	•	•	•	•	•
Japan	•	•	•	•	•
Mexico	•	•	•	•	•
Portugal	•	•	•	•	•
Slovenia	•	•	•	•	•
South Africa	•	•	•	•	•
Sweden	•	•	•	•	•
Switzerland	•	•	•	•	•
Turkey	•	•	•	•	•
United Kingdom	•	•	•	•	•
USA	•	•	•	•	•



	DOWN	SAME	UP
Brazil	•	•	•
Canada	•	•	
China	•	•	•
Czech Republic	•	•	•
Estonia	•	•	•
Finland	•		•
Germany	•	•	•
Italy	•	•	•
Japan	•	•	•
Mexico	•	•	•
Portugal	•	•	•
Slovenia	•	•	
South Africa	•	•	•
Sweden			
Switzerland	•	•	•
Turkey	•	•	•
United Kingdom	•	•	•
USA	•	•	•



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International Special Tooling and Machining Association