

In September/2019 there were the following securities and derivatives operations, in accordance with article 11 of CVM Instruction 358/2002.

Company Name: TIM PARTICIPAÇÕES S.A.						
Group and Related Parties	(X) Board of Directors	() Executive Management	() Fiscal Council	() Technical or Advisory Bodies	() Controlling Shareholder	() People connected to the management
Opening Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		9,920	0.000005%		0.000005%
Closing Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		9,920	0.000005%		0.000005%

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Group and Related Parties	() Board of Directors	(X) Executive Management	() Fiscal Council	() Technical or Advisory Bodies	() Controlling Shareholder	() People connected to the management
Opening Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		205,965	0.008507%		0.008507%
Closing Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		205,965	0.008507%		0.008507%

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Group and Related Parties	() Board of Directors	() Executive Management	(X) Fiscal Council	() Technical or Advisory Bodies	() Controlling Shareholder	() People connected to the management
Opening Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		0	0.000000%		0.000000%
Closing Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		0	0.000000%		0.000000%

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Group and Related Parties	() Board of Directors	() Executive Management	() Fiscal Council	(X) Technical or Advisory Bodies	() Controlling Shareholder	() People connected to the management
Opening Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		0	0.000000%		0.000000%
Closing Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		0	0.000000%		0.000000%

Company Name: TIM PARTICIPAÇÕES S.A.						
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Opening Balance						
Security / Derivative	Security Description		Quantity*	Same Type / Class	% Share	Total
Shares	Common Registered		1,613,043,410	66.626261%		66.626261%
Activity in the month						
Security / Derivative	Security Description	Intermediary	Deal	Quantity	Price	Volume (R\$)
Shares	Common Registered	GENIAL INSTITUCIONAL CCTVM	Sale	16/09/2019	111,700	1,336,961.00
Shares	Common Registered	GENIAL INSTITUCIONAL CCTVM	Sale	17/09/2019	359,764	4,293,296.76
Shares	Common Registered	GENIAL INSTITUCIONAL CCTVM	Sale	18/09/2019	163,200	1,930,710.00
Shares	Common Registered	GENIAL INSTITUCIONAL CCTVM	Sale	19/09/2019	230,400	2,755,295.00
Shares	Common Registered	GENIAL INSTITUCIONAL CCTVM	Sale	20/09/2019	154,700	1,839,920.00
Shares	Common Registered	GENIAL INSTITUCIONAL CCTVM	Sale	23/09/2019	53,700	637,974.00
Total Sale				1,073,464		12,794,156.76
Closing Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		1,611,969,946	66.581922%		66.581922%

*On August 13, 1,073,464 shares were transferred to TIM Brasil due to the signing of the Fiduciary Sale agreement.

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Opening Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		0	0.000000%		0.000000%
Closing Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	Total
Shares	Common Registered		0	0.000000%		0.000000%