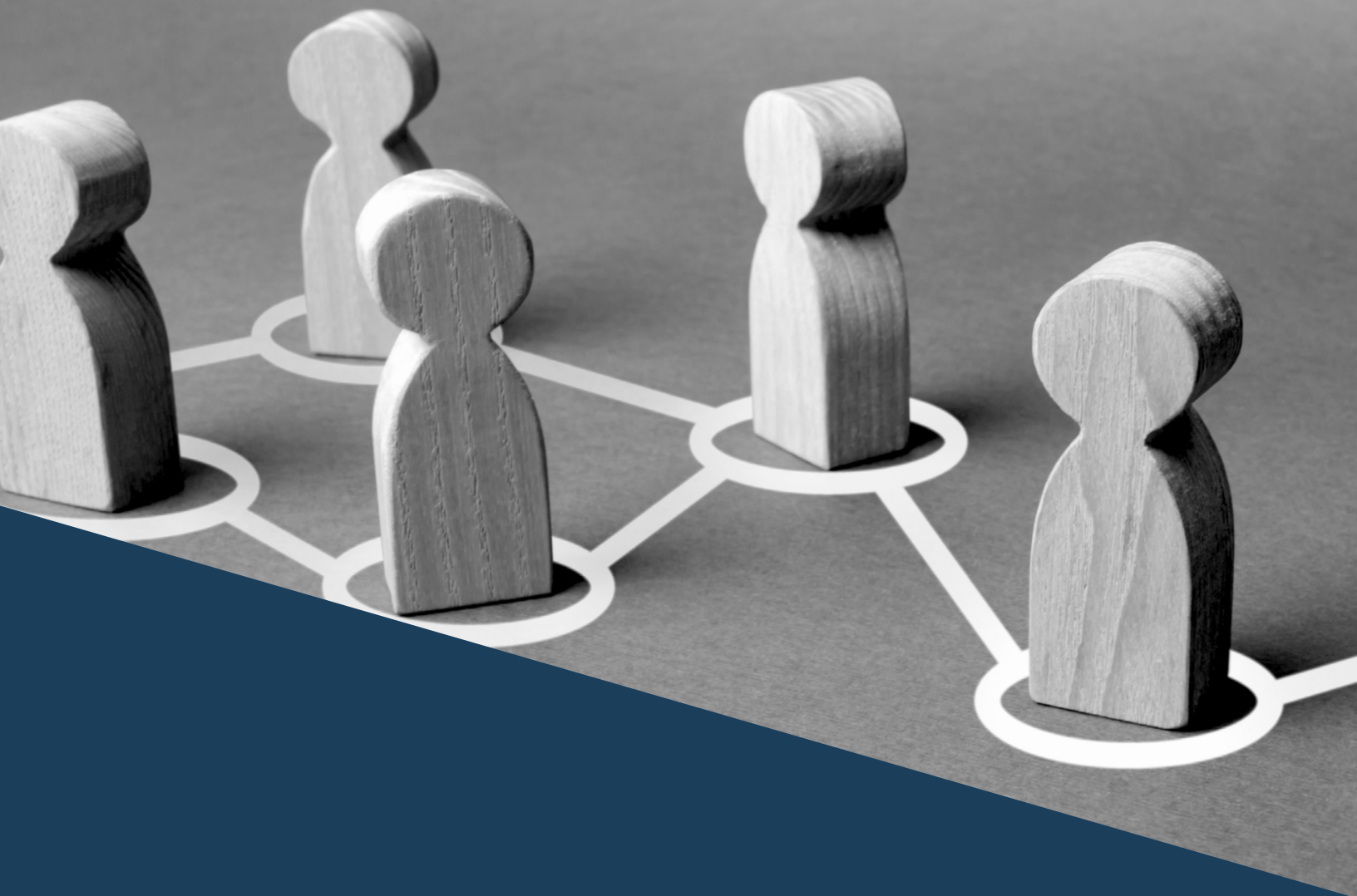


Dividend Policy in 30 Minutes

A Guide for Family Business Directors

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Executive Summary

From the perspective of family shareholders, dividend policy is the most transparent element of corporate finance. Dividend policy addresses both how much cash flow should be distributed to shareholders and the ideal form of such distributions. In the context of a family business's life cycle, directors can use dividend policy to manage the company's capital structure and tailor the form of returns to better match family shareholder preferences. Diverse shareholder preferences and characteristics can enhance the attractiveness of share repurchases relative to dividends; however, executing share repurchases for family businesses bring its own set of considerations and challenges. The purpose of this whitepaper is to help family business directors formulate and communicate a dividend policy that contributes to family shareholder wealth and satisfaction.

This whitepaper concludes our series designed to help family business directors make better corporate finance decisions. The three principal corporate finance decisions are:

1. **Capital Structure.** What is the appropriate mix of debt and equity financing?
([Download PDF](#))
2. **Capital Budgeting.** What is the appropriate mix of capital projects to invest in?
([Download PDF](#))
3. **Dividend Policy.** What is the appropriate mix of current income and capital appreciation for the family shareholders?

In this final installment, we address dividend policy.

The Objective of Dividend Policy Decisions

Dividend policy encompasses how much cash flow should be distributed to shareholders, and what form such distributions should take. The first dimension interacts with the capital budgeting process, and the second is intertwined with the capital structure question, as illustrated in Exhibit 1.

As noted in Exhibit 1, we take a broad view with regard to what constitutes a dividend.

1. **Repay debt.** Using capital to repay debt benefits family shareholders indirectly by accelerating capital appreciation.
2. **Repurchase shares.** By repurchasing shares, the family business provides current cash returns on a non-pro rata basis to shareholders electing to tender shares in the repurchase. For family shareholders electing not to sell shares, the repurchase program provides an indirect benefit through enhanced capital appreciation (because of the reduced number of shares outstanding).

Exhibit 1

Dividend policy encompasses both “How Much?” and “What Form?”

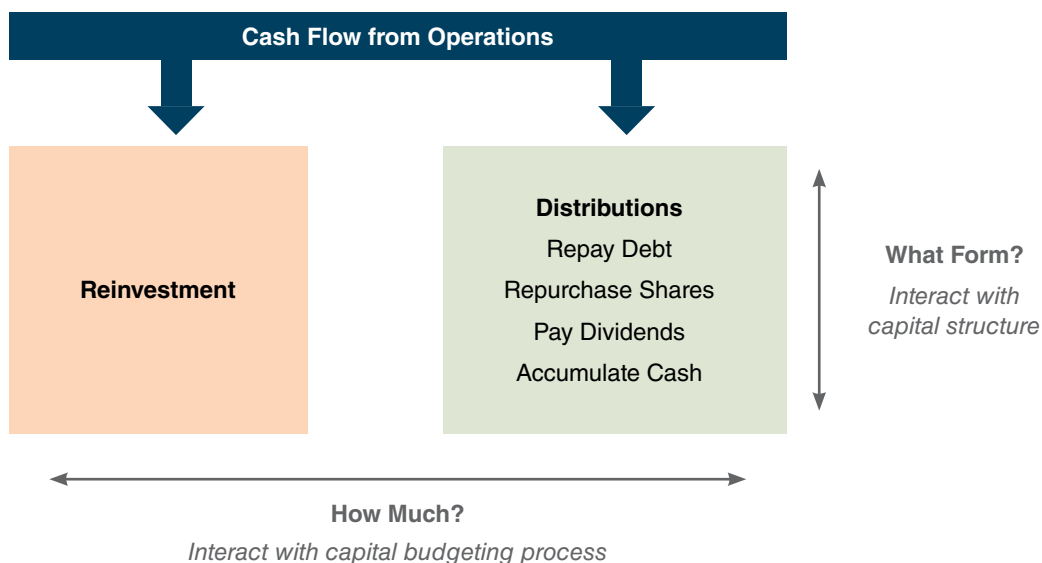
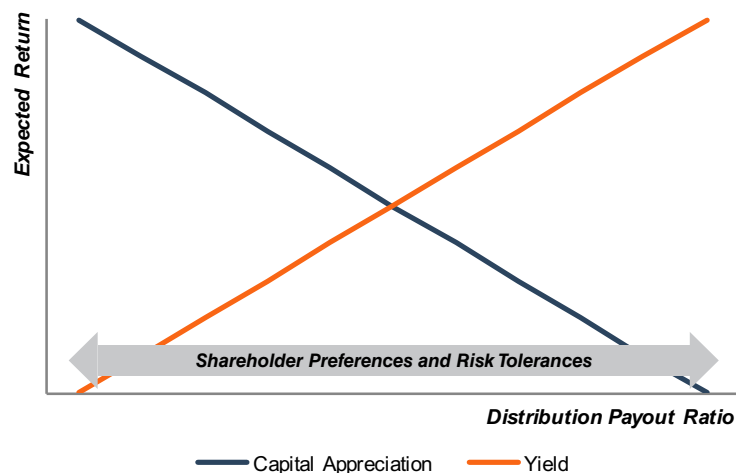


Exhibit 2

Through dividend policy, family business directors can calibrate return components (yield vs capital appreciation) to address family shareholder preferences and risk tolerances



3. **Pay dividends.** Dividends provide current cash returns to all family shareholders on a pro rata basis.
4. **Accumulate cash.** Cash accumulation can be considered either reinvestment (in one sense, holding cash is a capital project) or distribution (the value of the accumulated cash indirectly contributes to the capital appreciation realized by the shareholders and is available for distribution in subsequent periods).

The aggregate pool of returns available to provide shareholder returns is determined by the returns on the portfolio of projects to which the company has allocated capital. In isolation, dividend policy does not influence the returns generated by the company's operations. However, through dividend policy, the board can calibrate the mix of return components to address family shareholder preferences and risk tolerances.

In the remainder of this whitepaper, we consider a number of factors family business directors should evaluate in making dividend policy decisions.

Where Is the Company in its Life Cycle?

The board's discretion to calibrate the form of shareholder returns is subject to a range of natural constraints related to the stage of the company's development. For example, less mature companies that need capital to develop the scale required to achieve profitability and optimal margins are not natural dividend payers. As companies mature, the board's discretion to tailor returns to address family shareholder preferences and risk tolerances broadens.

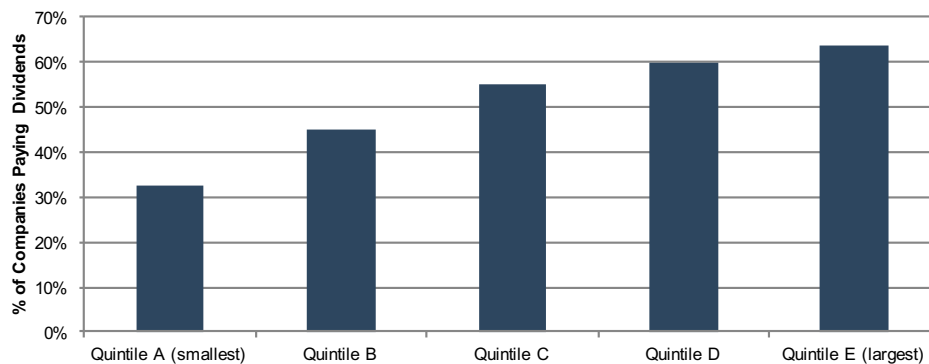
As summarized on Exhibit 3, we analyzed data for the small-cap and mid-cap companies in the S&P 1000 (excluding financials). We sorted the firms in the sample into quintiles by revenue. Within the quintiles, the propensity to pay dividends was positively related to size, with 32% of the smallest firms paying dividends in 2017, compared to 64% of the larger firms.

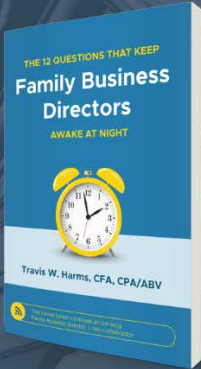
In this context, size is simply a proxy for life cycle stage. The critical assessment point for the board is not mere size, but the availability of attractive capital investments. In our sample, the smallest companies were least likely to pay a dividend because they had the most attractive investment opportunities, not simply because they were small. For example, the median 3-year compound annual revenue growth rate of firms in Quintile A was 5.5%, compared to 3.6% for Quintile E. Within Quintile E, the median growth rate for dividend payers was 2.8%, compared to 6.0% for non-dividend payers; as a result, the life cycle effect was evident even among the largest firms in the sample.

In other words, life cycle is not simply a matter of firm age or size, but rather the availability of attractive capital projects. Assessment of available capital investment opportunities is inextricably linked to the company's strategy. Strategy sets the boundaries for potential capital investment opportunities. In determining the breadth of the company's strategy (and therefore the set of capital investment opportunities to be considered) family business directors should evaluate company's competencies and competitive advantages.

Exhibit 3

Among the non-financial firms in the S&P 1000 index, the propensity to pay regular dividends increases with firm size (as measured by revenue)





12 QUESTIONS THAT KEEP Family Business Directors AWAKE AT NIGHT

The intersection of family and business generates a unique set of questions for family business directors. We've culled through our years of experience working with family businesses of every shape and size to identify the twelve questions that are most likely to trigger sleepless nights for directors.

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How Does the Company's Current Capital Structure Compare to the Target?

The board can use dividend policy to migrate from an existing to a target capital structure over time. Since the transaction costs for shareholder distributions are minimal, dividend policy can be a cost-effective tool for fine-tuning capital structure.

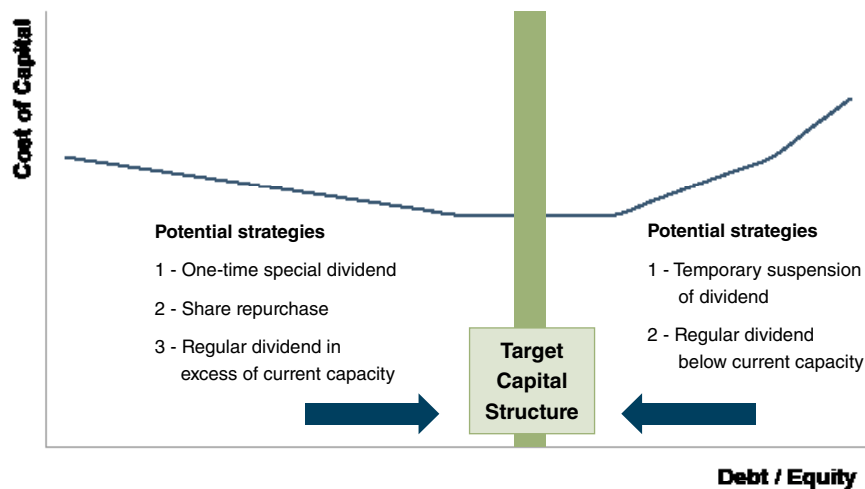
As shown on Exhibit 4, there are numerous potential strategies for migrating the family business's current capital structure to its target structure.

Not surprisingly, under-leveraged companies have more flexibility than over-leveraged firms. Distribution strategies to increase leverage include:

- 1. Pay a one-time special dividend.** If the family business is truly under-leveraged, borrowing to fund a special dividend should be available. As a dividend, the amount borrowed will be distributed to all shareholders on a pro rata basis. Under this strategy, the board must carefully communicate to family shareholders the rationale for the dividend, tax consequences, and the non-recurring nature of the dividend payment.
- 2. Repurchase shares.** In contrast to a special dividend, share repurchases do not have to be executed on a pro rata basis. However, whereas dividends are not dependent upon valuation, share repurchases require that the board establish an offer price. For family businesses, different views regarding the value of the company's shares (including whether discounts for lack of control or lack of marketability are appropriate) can complicate execution of a share repurchase program.

Exhibit 4

Dividend policy can be a cost-effective tool for managing capital structure



- 3. Set regular dividend in excess of current capacity.** For a more incremental approach, the board can adjust the regular dividend to a level in excess of current capacity. This strategy provides greater predictability for family shareholders and does not require the board to establish a value for the company's shares. However, unless the family business is able to grow into the dividend, a reduction may be required as the target capital structure is reached. Executing this approach requires that the family business have an existing store of excess liquidity or access to a flexible debt facility that can be used to fund the excess dividends.

The options available to an over-leveraged firm are more limited.

- 1. Temporarily suspend dividend payments.** For a family business that has historically paid dividends, suspending dividends entirely requires careful shareholder communication. Shareholders should understand the reason for the suspension, the target amount of debt reduction and/or asset accumulation, and the date at which dividends can be expected to resume.
- 2. Set regular dividend below current capacity.** This is essentially a more incremental approach than an outright suspension of dividends, but the shareholder communication requirements are the same. While less painful, this approach will only be feasible if the distance between the existing and target capital structures is modest.

Once family business directors have identified a target capital structure that deviates from the company's existing structure, they should assess whether, and how, to use dividend policy to migrate toward the target structure.

What Type of Dividend Policy Fits Best?

From the perspective of family shareholders, predictability is the most important attribute of dividends. Predictability does not mean that the company pays a static dollar dividend each period (though it may). Rather, predictability means that shareholders understand the framework within which family business directors will evaluate the dividend to be paid each period.

Exhibit 5 below summarizes the four principal dividend policies that boards can adopt.

Exhibit 5

A clearly communicated dividend policy enhances predictability for shareholders

Greater Shareholder Certainty	Policy	Description	Greater Board Discretion
	Fixed Payment	The board declares a fixed annual dollar dividend, and the Company can reinvest the residual	
	Fixed Payout	The board sets the dividend relative to earnings during the period	
	Fixed Yield	The board sets the dividend relative to the value of the Company	
	Residual	The board assesses how much can be reinvested in financially attractive projects and sets the dividend equal to the residual	

The various policies exist along a continuum ranging from that of greatest shareholder certainty (paying a fixed annual dollar dividend) to that of greatest board discretion (paying dividends equal to the residual, if any, of operating cash flow over attractive investment opportunities). When clearly communicated to the shareholders, however, each of the policies provides predictability, which enhances the perceived value of a given dividend stream to shareholders.

Given the desire for dividend predictability, companies can use other forms of shareholder distribution in conjunction with one of the policies noted above to achieve other corporate and shareholder objectives. Recall from Exhibit 1 that we view shareholder distributions broadly, to include not only dividend payments, but also debt reduction, share repurchases, and cash accumulation.

Exhibit 6 summarizes the results of our analysis of dividend payments and share repurchases among non-financial companies in the S&P 1000 index during 2017.

Exhibit 6

During 2017, approximately half of the public companies in our sample paid dividends, while over 70% repurchased shares

Paid Div- idend	Repurchased Shares	Companies		Dividends Paid	Share Repurchases
No	No	119	15%	\$0.0	\$0.0
Yes	No	101	13%	4.9	0.0
Yes	Yes	292	38%	13.9	20.4
No	Yes	257	33%	0.0	12.1
Total		769	100%	\$18.8	\$32.5

Among the companies in this sample, aggregate share repurchases exceeded dividends by almost 75% (\$32.5 billion, compared to \$18.8 billion).

- Approximately 15% (119) of the companies in the sample neither paid dividends nor repurchased shares during 2017.
- Only 13% (101) of companies paid dividends without repurchasing shares.
- Nearly 75% (292) of dividend payers also repurchased shares during the year. In aggregate, share repurchases for this group (\$20.4 billion) exceeded the amount paid as dividends (\$13.9 billion).
- Approximately one-third of the companies in the sample repurchased shares without paying any dividends.

Companies pay dividends with greater consistency than they repurchase shares. Of the 651 companies that repurchased shares in at least one of the three years ending with fiscal 2017, only 467 (74%) did so ever year. In contrast, less than 5% of the dividend payers failed to pay dividends in the following year.

What Are Family Shareholder Preferences for Return Composition?

The investors that populate corporate finance textbooks are blithely indifferent to the composition or form of shareholder returns. Such hypothetical investors are indifferent between current yield and capital appreciation – in our experience, real shareholders are not. Family business directors are responsible for managing the company for the actual shareholders, not some hypothetical phantoms. Directors should evaluate the degree to which the company's existing dividend policy aligns with the shareholders' return preferences and risk tolerances.

Exhibit 7 on the following page summarizes shareholder characteristics that correspond to different shareholder distribution preferences.

As the number of family shareholders increases, the likelihood that shareholders will have different return preferences increases. The presence of different shareholder groups with different return preferences and risk tolerances is referred to as the “clienteles effect.” For liquid assets, the clienteles effect is manifest in the fact that different types of assets are owned by different types of investors. The most obvious example of the clienteles effect is observed in the market for non-taxable municipal bonds, which are eschewed by non-taxable investors. In family businesses, however, shareholders do not have the ability to gravitate toward assets that fit their risk and return preferences. As a result, family business directors' deliberations regarding dividend policy become more complex.

For family businesses, non-pro rata forms of distribution can be used to mitigate the clienteles effect.

- If the family business is mature, with limited reinvestment needs, a share repurchase program allows shareholders to select their preferred return profile. Family shareholders with a preference for greater current income can simulate a higher dividend yield by selling a portion of their shares to the company. Conversely, family shareholders preferring capital appreciation can hold their shares and realize greater capital appreciation as the repurchases reduce the number of shares outstanding.
- If the family business needs capital to fund attractive investment opportunities, a dividend reinvestment program allows shareholders desiring current income to forego the reinvestment option, while those desiring greater capital appreciation can reinvest a portion or all of their dividends.



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Exhibit 7

Lower Current Yield Higher Capital Appreciation	Higher Current Yield Lower Capital Appreciation
Shareholders have sufficient income from other sources to fund desired current consumption	Shareholders have limited income from other sources
Shareholders' other income sources have no or low correlation with the company's financial performance	Shareholders' other income sources correlated with performance of subject company
Shareholders have limited alternative investment options with comparable risk-adjusted returns (i.e., high reinvestment risk)	Shareholders have abundant alternative investment options
Shareholders have reliable mechanisms for achieving liquidity on a predictable basis	Shareholders face uncertainty regarding when/if liquidity event will occur
Shareholders enjoy favorable tax treatment on capital gains	Shareholders enjoy favorable tax treatment on dividend income
Shareholders have limited near-term cash needs	Shareholders have significant near-term cash needs
Shareholders have broadly diversified investment portfolios	Shareholders have concentrated investment portfolios

With either option, the board will need to establish the value at which the family business is willing to purchase or issue its own shares. Value is a notoriously slippery term, and can refer to a variety of different prices for a particular business, depending on the “level” contemplated. For example, the price at which a competitor would be willing to acquire the entire business is likely greater than the price at which an investor would contemplate purchasing an illiquid minority interest in the same business. When purchasing or issuing shares, family business directors will need to determine what price along that spectrum is relevant to the purpose of the transaction, understanding that such transactions have the potential to shift wealth from one group of family shareholders to another.

How can directors discern the return preferences and risk tolerances of the family shareholders? There is really no substitute for asking. If the shareholder base is small, informal discussions will probably suffice, but for a larger, more fragmented group of shareholders, a more formal survey mechanism may be appropriate. The purpose of such a survey is not to outsource dividend policy to the shareholders, but rather to solicit data that the board can use to inform deliberations regarding dividend policy. Identifying what clienteles, if any, exist within the family shareholder base allows the board to weigh potential strategies and understand how those strategies would affect the various clienteles. No dividend policy can accommodate the unique preferences of each shareholder, but the board’s credibility with the shareholders can be enhanced by taking proactive steps to understand the shareholders’ preferences and risk tolerances.

Does the Company Have Sufficient Financial Flexibility to Accommodate Shareholder Preferences?

Money is fungible: if issuing debt and new shares were easy for family businesses, directors would be able to accommodate nearly any shareholder return preference. For example, even a high growth family business with ample attractive investment opportunities could fund dividends to current shareholders through issuance of new debt or new equity. In practice, however, the board's discretion to tailor the form of returns to accommodate family shareholder preferences is broadly constrained by life cycle factors and the company's current capital structure.

We assess flexibility with regard to both cash flow and access to capital.

- **Cash Flow.** Family businesses for which attractive investment opportunities exceed current operating cash flow can provide current distributions to shareholders only to the extent the company has accumulated liquid assets or has the ability to borrow incremental funds or issue new shares.
- **Access to Capital.** Material share repurchases and special dividends require access to new capital. If the company's financial leverage is at or above the target level, incremental capital would need to be in the form of new equity. For family businesses, issuing new equity is often expensive: existing family shareholders may not have sufficient available liquidity to inject into the business, and potential non-family investors are often hesitant to contribute capital in exchange for minority interests in the family business absent potentially onerous terms and protections.

Exhibit 8

Companies that are net cash generators are more likely to distribute cash to shareholders in the form of dividends and share repurchases

Paid Div- idend	Repurchased Shares	Companies		Dividends Paid	Share Repurchases
Cash Generators					
No	No	64	13%	\$0.0	\$0.0
Yes	No	66	13%	3.1	0.0
Yes	Yes	211	42%	10.6	18.5
No	Yes	158	32%	0.0	9.9
Total		499	100%	\$13.7	\$28.5
Cash Users					
No	No	55	20%	\$0.0	\$0.0
Yes	No	35	13%	1.8	0.0
Yes	Yes	81	30%	3.3	1.8
No	Yes	99	37%	0.0	2.2
Total		270	100%	\$5.0	\$4.0
Grand Total		769		\$18.8	\$32.5

Exhibit 8 on the preceding page summarizes the dividend characteristics of the cash generators and cash users in our public company sample, respectively.

For purposes of the analysis in Exhibit 8, companies were classified as cash generators or cash users on the basis of financial results for 2017. Nearly two-thirds of the total population consisted of cash generators.

- During 2017, 87% of cash generators distributed cash to shareholders in the form of either dividends, share repurchases, or both. Share repurchases exceeded dividends paid both in aggregate dollars (\$28.5 billion compared to \$13.7 billion) and number of companies (369 compared to 277).
- In contrast, 20% of cash users made no shareholder distributions. By number of companies, the preference for share repurchases was more pronounced for this group (180 compared to 116 dividend payers), although the aggregate dollars were more balanced.
- Cash generators accounted for 73% of all dividends paid and 88% of share repurchases.

In summary, the form of shareholder returns is shaped by whether the subject company is a net generator or user of cash. The ability of family business directors to tailor returns to shareholder preferences is limited by these natural constraints. Cash generators have the most latitude, as directors can elect to pay dividends (providing current income) or repurchase shares (enhancing capital appreciation for those electing not to sell). Cash users are more constrained, but can pay dividends or repurchase shares if they are able borrow money or issue shares in excess of the amount needed to fund capital projects. Approximately 43% of cash users in our sample paid shareholder dividends in 2017.

Is a Share Repurchase Program Feasible?

Share repurchases are well-suited to addressing the complications associated with the clientele effect within a family shareholder base. Public companies are especially enamored of the technique, as the firms in our sample returned \$32.5 billion to investors through share repurchases in 2017, compared to just \$18.8 billion in dividends. For family business directors, executing a share repurchase program involves evaluating both the company's financial capacity to engage in the transaction and determining the offering price per share.

There are four potential sources of funding for share repurchases:

1. **Existing liquidity.** Previously accumulated excess liquidity may be used to pay for share repurchases.
2. **Internally-generated funds.** Net cash flow from the current year (cash flow from operating activities in excess of cash flow used for investment) is available for share repurchase.
3. **Borrowed funds.** If the magnitude of the share repurchase exceeds existing balance sheet liquidity and internally generated funds, the company may borrow money to repurchase shares. If the company is under-leveraged, using borrowed funds will move the company's capital structure toward its target. If the company is currently at its target capital structure, a leveraged share repurchase may push the company past its optimal range, resulting in a higher weighted average cost of capital.

- 4. New equity.** Alternatively, the company may sell new shares to fund the share repurchase. In such a case, the company is effectively replacing one set of shareholders with another. For family businesses, this can be dicey. As a result, internally-generated funds and incremental borrowings are the most common sources of shareholder distributions.

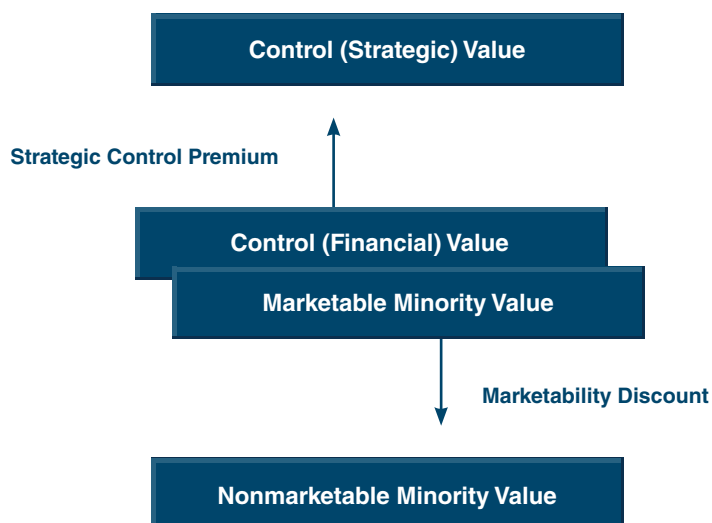
Public companies repurchase shares at the prevailing market price. For private companies, the market price of shares to be repurchased is not directly observable. For family business directors contemplating a share repurchase program, the question of value has two dimensions. First, what are the appropriate corporate fundamentals to use in the valuation: cash flow forecasts, cost of capital, comparable public companies, comparable transactions, non-operating assets, etc.? Second, what is the appropriate “level” of value at which to execute the redemption?

Apart from the underlying corporate valuation fundamentals, the value of an ownership interest in a family business depends on the appropriate “level” as summarized on Exhibit 9.

Under the assumption that the company continues to operate under current stewardship, the results of fundamental corporate valuation techniques (discounted cash flow analysis, market comparables analysis) correspond to the financial control/marketable minority level of value from Exhibit 9. This level is analogous to the market for shares in public companies; in other words, if the family business were publicly traded, the share price would approximate value at the financial control/marketable minority level.

However, the shares of family businesses do not trade publicly, and family shareholders do not have ready liquidity for their interests. Since such liquidity, or marketability, is a desirable trait, investors generally demand a discount of some magnitude from the financial control/marketable minority level to compensate for the lack of marketability. As a result, the nonmarketable minority value is most representative of what (minority) shares in a family business are worth to current or prospective investors.

Exhibit 9



On the other hand, the assumption that the family business continues to operate under current stewardship is not always valid or appropriate. If the family business is sold in its entirety, the new controlling owner may be able to generate greater cash flow through combination with other businesses, access to more advantageous financing, or other factors. If there are competing bidders, the ultimate sales price may reflect a portion of such strategic benefits, resulting in a premium to the financial control/marketable minority level, referred to as the strategic control level of value.

Unlike paying dividends, repurchasing shares has the potential to provide disproportionate economic benefit to different family shareholders. Consider the implications of setting the repurchase price at each of the levels of value:

- **Nonmarketable minority level of value.** This level is most representative of the value of the shares tendered by selling shareholders. However, since the marketability discount is primarily attributable to the illiquidity which is being remedied by the share repurchase, should the price at which the share repurchase is executed reflect a marketability discount? If so, the family shareholders electing not to participate in the redemption will benefit from accretion in the value of their remaining shares because the corporate treasurer (for whom illiquidity is not a concern) was able to acquire shares for less than the financial control/marketable minority value.
- **Financial control/marketable minority level of value.** This level is most representative of the value of the shares from the perspective of the corporate treasury. However, since it does not include any discount for lack of marketability (which is an inherent attribute of the private company's shares), offering to repurchase shares at this level might be perceived to provide a windfall for the selling family shareholders. Executing a share repurchase at this price could create an excess supply of shares that exceed the family business's financial capacity to redeem. On the other hand, if the company were sold to a strategic acquirer for a materially higher strategic control value in the succeeding two, three, or five years (memories can be long), the selling shareholders may perceive themselves to have been jilted. Add in potential family dynamics, and relationships could become combustible.
- **Strategic control level of value.** If the family business repurchases shares on a strategic control basis and such a transaction does not materialize, the value of the remaining shares will be diluted. Furthermore, since the strategic control value assumes cash flows in excess of what the company currently generates, it may be difficult to finance the repurchase at that level.

There is no uniform right choice for the level of value at which a company should repurchase shares. Family business directors will need to weigh the considerations noted above with the particular facts and circumstances surrounding the company and its shareholders. Above all, directors should be intentional about the level selected, and aware of the implications of that selection.

Conclusion

Dividends are the most direct signal private company shareholders receive regarding the management and performance of the family business. Through dividend policy, family business directors determine the relative proportion of current yield and capital appreciation comprising total shareholder returns.

- Dividend policy interacts with both capital budgeting (in regard to the amount available for distribution to shareholders) and capital structure (in regard to the form of distributions).
- The range of distribution options available to a private company is constrained by the company's life cycle stage. Directors of more mature companies have greater flexibility with regard to dividend policy.
- Dividend policy can be a cost-effective means of adjusting the company's capital structure over time.
- Family business directors should be attuned to shareholder preferences for current yield and capital appreciation. In a large shareholder base, there are likely to be multiple clienteles with diverse preferences.
- With regard to dividends, shareholders desire predictability. Predictability means that the board pursues a consistent (and transparent) policy, not necessarily that the dollar amount of dividends is known in advance. In selecting a dividend policy, there is an inevitable tradeoff between shareholder certainty and board discretion.
- A family business's ability to accommodate shareholder preferences will depend on its cash flow characteristics and access to incremental capital.
- Share repurchases are very popular among public companies due, in part, to their flexibility. Potential funding sources for share repurchases include existing liquidity, internally-generated funds, borrowed funds, and new equity.
- For family businesses, share repurchase programs are complicated by the lack of readily observable market values for the company's shares. Depending on the level of value selected, a share repurchase can provide disproportionate economic benefits to one group of family shareholders at the expense of another.

Of the three primary corporate finance decisions, dividend policy is the most transparent to shareholders. Evaluating the questions raised in this whitepaper will help family business directors make informed dividend policy decisions that can be communicated to the shareholders.

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